Service
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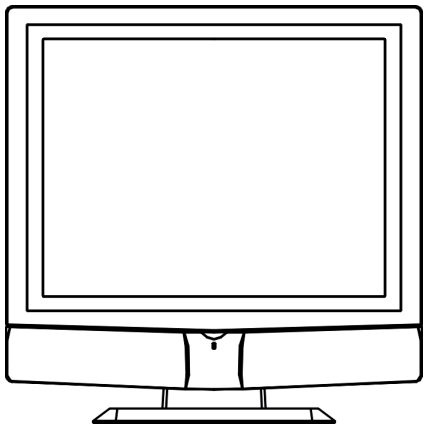

Service Manual

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SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGE

CAUTION: USE A SEPARATE ISOLATION TRANSFOMER FOR THIS UNIT WHEN SERVICING

Revision List

Revision	Date	Revision History	TPV Model
A00	Jun-09-06	First Version Release	EAA6CHNKD1ACTMP

Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.
Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design.
Servicer assumes all liability.

FOR PRODUCTS CONTAINING LASER:
DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.
CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.
Take care during handling the LCD module with backlight unit
-Must mount the module using mounting holes arranged in four corners.
-Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
-Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
-Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
-Make certain that treatment person’s body is grounded through wristband.
-Do not leave the module in high temperature and in areas of high humidity for a long time.
-Avoid contact with water as it may a short circuit within the module.
-If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

1. General Specifications

Function	20" **Screen** Resolution (640x480) High Brightness (350 cd/m^2) High Contrast Ratio (400:1) Viewing angel (170° H/ 170° V)

Item		**Spec**	
LCD Panel	Screen Size	20” TFT-LCD Panel	
	Aspect Ratio	4 : 3	
	Resolution	640 x480 (VGA)	
	Display Area (opening) H x V	408mm x 306mm	
	Pixel Pitch	0.63mm x 0.63mm	
	Display Colors	16.7 million	
	Contrast Ratio	400:1	
	Brightness	350 cd/㎡	
	Viewing angel	170° H/ 170°V	
	Response Time	16ms	
	Lamp Type/Life	50000 hr	
	Color Temperature	Cool / Warm/Normal	
VGA Function	Input support definition	640*480 /60Hz	
	Audio input	Mini jack for stereo headphones (3.5ø)	
TV Function	TV Standard	NTSC M	
	Sound System	MTS、SAP	
	Colour systems	NTSC	
Video Input	AV	RCA x 1	Audio L/R x 1
	S-VIDEO	S-Videox 1	
	Component	YPbPr x 1	Audio L/R x 1

Audio output	Audio output: L / R	Speaker (built-in): Two 2 watt speakers
		Headphone Mini-jack for stereo (3.5ø)
OSD Language	English. French. German. Spanish. Portuguese. Traditional Chinese	
Table Stand	Yes	
Wall Mount	VESA 100 x 100 mm	
Power	Power	AC100V-240V, 50/60Hz
	Power Consumption	<70W
Panel Tilt	Forwards/Backwards/ Rotation	-4°/ +18° / ± 35°
Environment	Temperature	+ 0 °C ~ + 40 °C
	storage	- 25 °C ~ + 60 °C
	operating	10% ~ 85%
Dimension	W x H x D (with stand)	498 x 495 x 180 (mm)
Net weight	Without accessory	9.7 Kg
Accessory	Remote controller, Batteriesx2, Power cord, Signal Cable, Audio Cable, User manual	

2. Operating Instructions

2.1. The Use Of Remote Control

POWER

Press to turn on/off the TV. The TV is never completely powered off unless it is physically unplugged.

0~9/100 Digit buttons

To select a TV channel.

CH

Press ∧ or ∨(▲or▼) to browse through the TV channels,which are not erased. To view a blocked channel, use the digital buttons to access，the channel and enter your access code.

VOL

Press + or – to adjust the volume.

PC

Press this button to turn **PC** mode

SLEEP

With this key you can set a time period after which the TV should switch itself to standby. Press the key repeatedly to select the number of minutes. The counter runs from 5,10,15,20,25…120 minutes.

PIP

Not Supported.

POP

Not Supported.

MENU

Press repeatedly to display OSD menu.

SIZE

Includes 3 modes. Press repeatedly to select 4:3: to 16:9 (Linear) / 4:3 to 16:9 (non-Linear) /16:9 (option)

MUTE

Temporarily interrupt the sound or restore it.

DISPLAY

Press this button to Display Channel number on the right-top corner.

MTS /SAP

Press this key to activate Multichannel Television Sound, Stereo or Mono sound.

PRE-CH

To display the previously selected TV channel.

TV/VIDEO

Select your input source: press repeatedly to select **TV, AV, S-VIDEO, PC.**

CAPTION

Press this button to turn **Closed Caption** on. Be sure you have selected Caption On in the Setup menu.

Up & Down

Press Up and Down we Can select the sub menu

Left & Right

Press Left and Right, we can Change the Setting of submenu

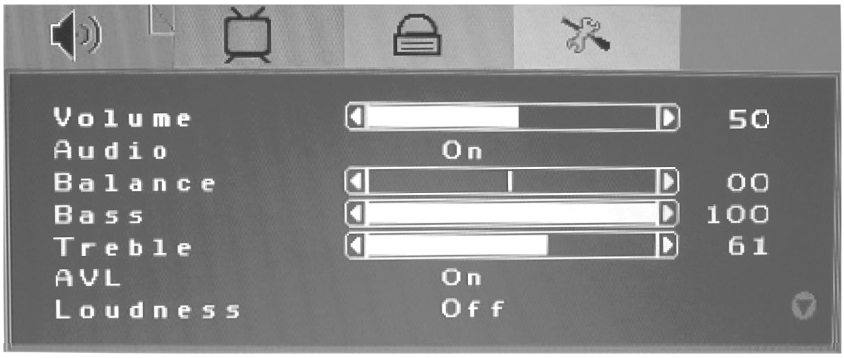
2.2 To Use The Menus

1. Press the MENU button repeatedly to display each menu
2. Use the cursor up/down to select a menu item or adjust the setting of Menu item.
3. Use the cursor left/right to enter a submenu or enable the function.
4. Press the MENU button to exit the menu.

Main Menu

Press the **MENU** button to enter the main OSD (On Screen Display). Adjust the items including Picture Setup, Sound setup, Child Lock Setup, Function Setup and TV setup. When the input source is PC or Component mode, only the Sound Setup, Picture Setup and Menu Setup can be selected; shown in the figure below:

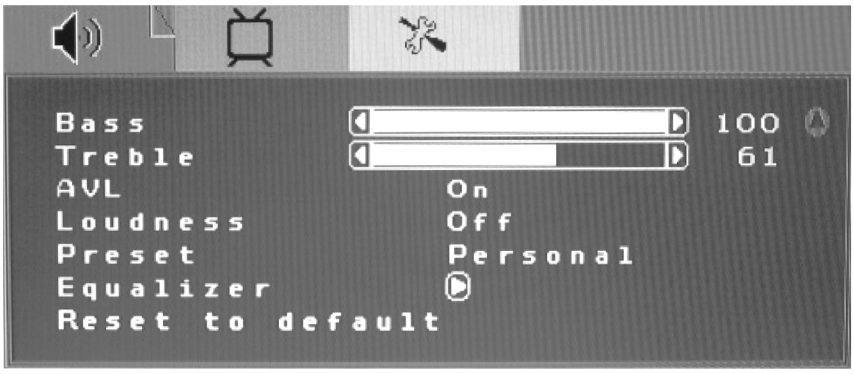
When the input source is AV or S-Video mode, the Sound Setup, Picture Setup, Child Lock Setup and Function Setup can be selected; shown in the figure below:



When the input source is TV mode, the Sound Setup, Picture Setup, Child Lock Setup, Function Setup and TV Setup can be selected, shown in the figure below:

Sound Setup (Same as in PC, TV, AV1, S-Video and Components modes)

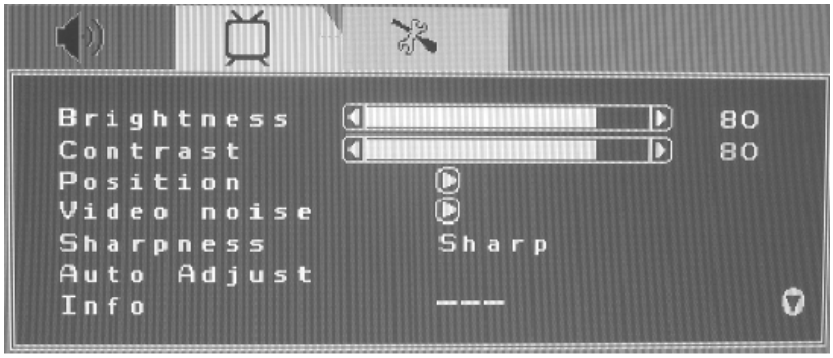
1. The range of adjusting volume, bass and treble is from 0~100.
2. Select “ON” or “OFF” in sound selection to control the sound output.
3. The range of adjusting Balance is -50~+50; when adjusting from 0 to -50, the sound from the left track fades until silence; when adjusting from 0 to +50, the sound from the right track fades until silence.
4. AVL: you can set it “ON” or “OFF”.
   The function is to adjust the input sound automatically. You may enable this function when you notice that the sound in the two tracks are very different, in order to prevent the bad sound effect resulting from large sound variation.
5. Select "ON" or "OFF" for Loudness: a default setting is preset, and you may adjust when necessary.
   The following menu will appear when selecting continuously:

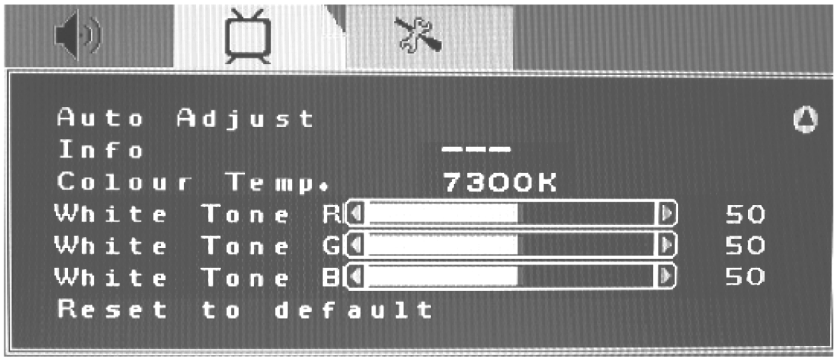


6. Preset: Designed for different types of sound output, wherein, the dialogue, music and theater modes are preset; you can set Bass, Treble and Equalizer in sound output mode according to your preference.
7. Equalizer: You can select and adjust 100, 300, 1K, 3K and 8K respectively (the figures represent the sound frequency range).
8. Reset to default: Reset the sound setting to the factory default value.

Picture Setting

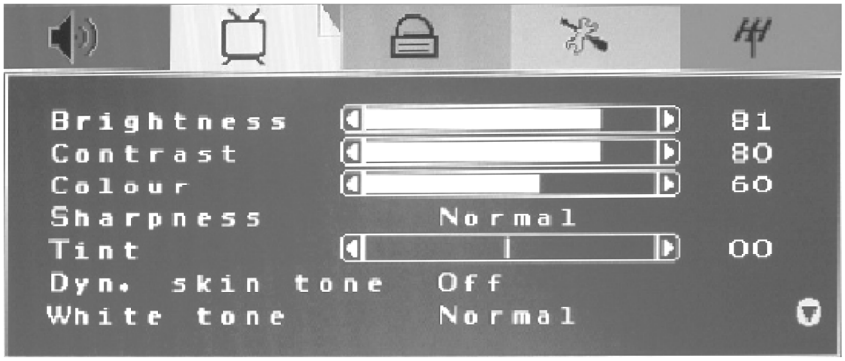
When the input source is in PC mode, you can select Brightness, Contrast, Position, Video noise, Sharpness, Auto Adjust, Info, Color Temp, Red, Green, Blue and Reset to default; shown in the figure below:

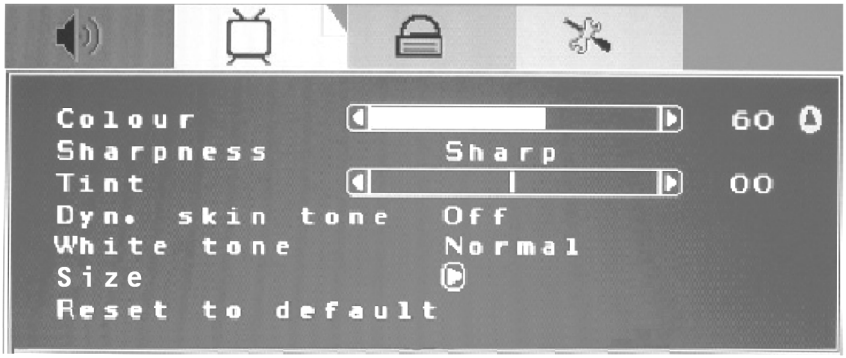




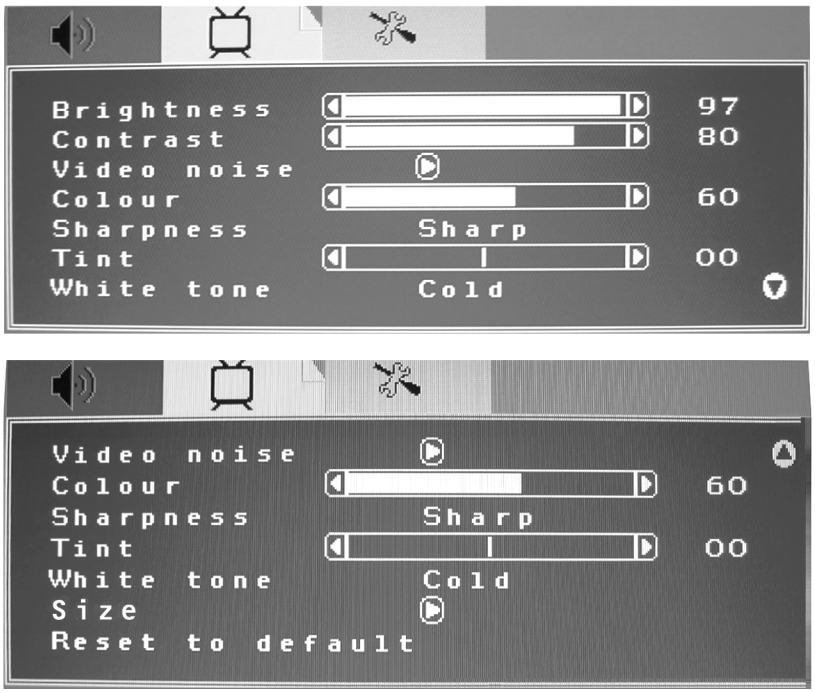
1. Brightness and Contrast: The range can be adjusted from 0~100.
2. Position: There are two options, Horizontal and Vertical, which can be adjusted from -50 to +50.
3. Video noise: There are two options, Phase and Clock, which can be adjusted from -50 to +50.
4. Sharpness: Select from five options of Softest, Soft, Auto, Sharp and Sharpest. You may adjust the above options according to your preference.
5. Auto Adjust: Automatically adjust PC input to the optimal screeen size.
6. Info: Prompt the current size for PC input definition (only the definition that can be shown by this device).
7. Colour Temp.: There are four options of colour temperature provided for users - 6500, 7300, 9300 and Personal. You can select the three colour temperatures of 6500, 7300 and 9300, or manually adjust red, green or blue in the personal setting (you can only adjust red, green and blue in the personal setting).
8. Reset to default: It is used to reset the picture settings to the factory default mode.

When the input source is in **TV/AV1/S-Video/** mode, you can select Brightness, Contrast, Colour, Sharpness, Tint, Dyn. skin tone, Colour Temp., Public, Zoom and Reset to default respectively; shown in the figure below:





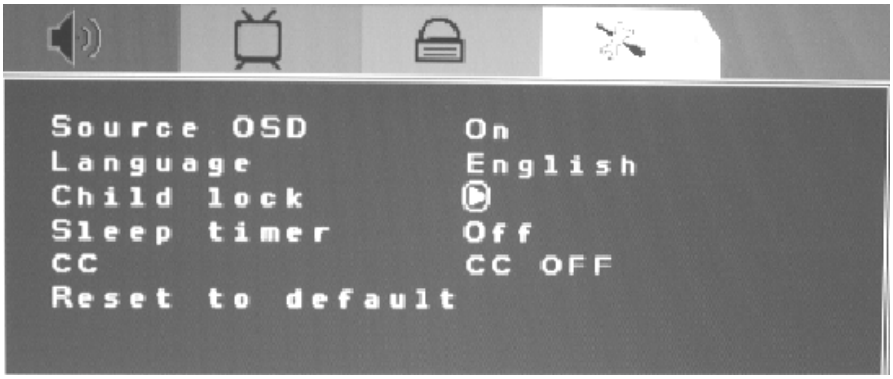
When the input source is in **Component** mode, you can select Brightness, Contrast, Colour, Sharpness, Tint,White tone, Size and Reset to default respectively; shown in the figure below:



1. Brightness and Contrast: The range can be adjusted from 0~100; use Brightness and Contrast options to adjust the brightness of picture.
2. Colour: The range can be adjusted from 0~100; use this option to adjust the colour saturation of picture.
3. Sharpness: Select from five options of Softest, Soft, Auto, Sharp and Sharpest. You can adjust the sharpness of picture using any option above.
4. Tint: The range can be adjusted from -50~+50; use this option to adjust the colour of picture.
5. Dyn. Skin tone: When the Dynamic skin tone is ON, the skin tone of person in the picture becomes more vivid.
6. Colour Temp.: There are three options of colour temperature provided for users - warm, normal and cool.
7. Size: There are various functions provided for zoom in/zoom out.
8. Reset: It is used to reset the picture settings to the factory default mode.

Function Setup

When the input source is in TV, AV1 or S-Video mode, you can select Source OSD, Language, Child lock, Timers, CC Mode and Reset to default; shown in the figure below:



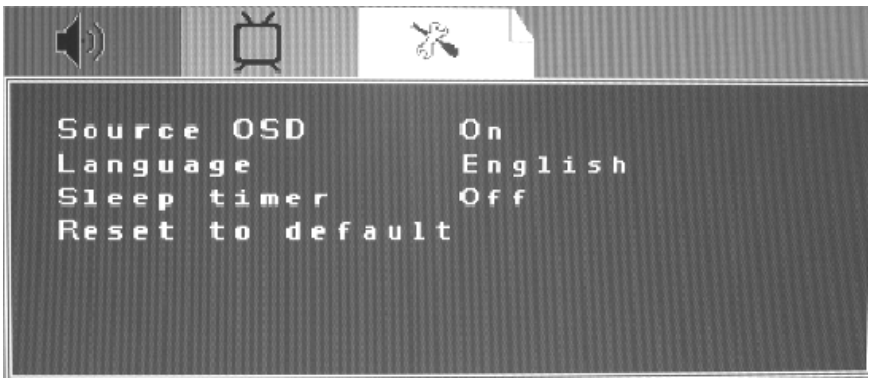
1. Current Source OSD setting: When OSD is set to ON, the left upper corner of the display will show the input source or the TV channel number; when OSD is set to OFF, the input source or the TV channel number will disappear.
2. OSD language setting: There are six language options provided - English, French, German, Spanish, Portuguese and Traditional Chinese.
3. Child Lock Setup;

(1). You can enter the V-Chip level setting only when the Child Lock is ON, and the V-Chip will be enabled; you can not enter V-Chip level setting when the Child Lock Setup is OFF, and the V-Chip is disabled.

(2). Lock code: V-Chip password can be set up when the code is locked. Enter the 4-digit password which you choose! The factory default password is 0000.

4. Sleep Timer: Set the sleeping timer and the alert function which indicates the time left.
5. Closed Caption (CC) setting: Select CC1~CC4, TXT1~TXT4 or OFF.
6. Reset: It is used to reset the OSD settings.

When the input source is in PC or Component mode, you can select Source OSD, Language, Timers and Reset to default; shown in the figure below:



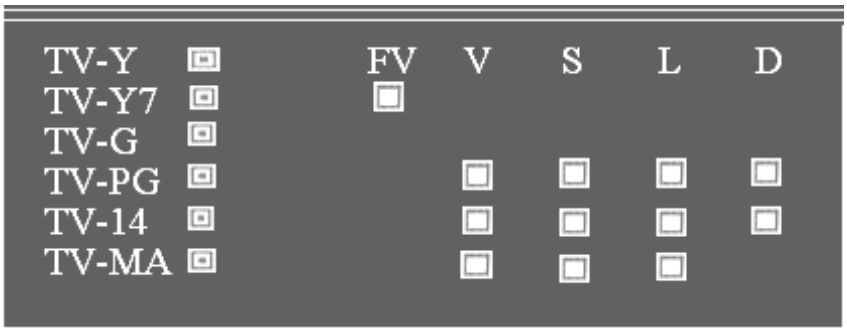
Source OSD, Language, Timers and Reset to default options are operated similarly as the above instructions!

Child Lock

When the input source is in TV, AV1 or S-Video mode, V-Chip level can be set. You can enter the Child Lock setting only when the Child Lock is ON. When you enter the Child Lock setting, a message on the display will prompt you to enter password:

You can enter the Child Lock setting to set up the V-Chip level when you enter the correct password:

1. Age: it may be set to Child, Teenager, Youth, Adult, Custom or OFF; when you select Custom, it can be set according to you preference.
2. MPAA Rating: Select the movie ratings from low to high (alert) - G, PG, PG-13, R, NC-17, X and F.
3. PG Rating: Shown in the figure below:

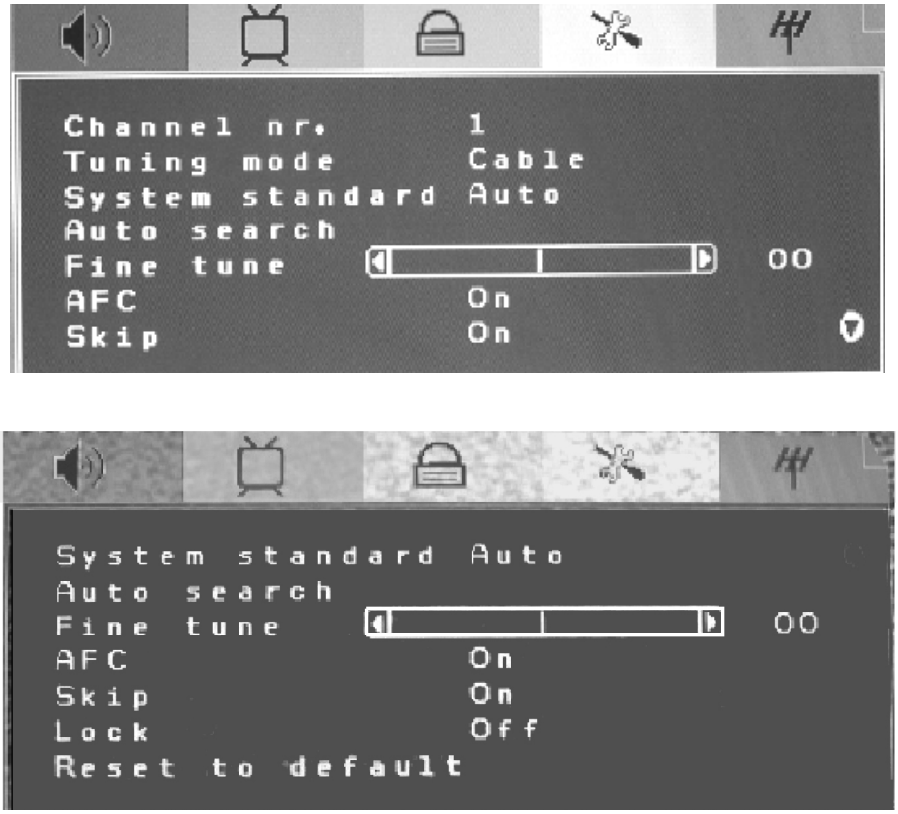


The empty box refers to unlocked; the solid box refers to locked.

4. Reset to default: Reset to the factory default value.

TV Setting

The following menu appears only in the TV mode.



1. Channel nr: Shows the current channel number.
2. Tuning mode: Select the mode of TV signal - Cable\HRC Cable\IRC Cable\ Broadcast.
3. System standard: NTSC-M, Auto.
4. Auto search: Select "Auto Search" to search all signaled channel; when the searching is complete, it stays at the first channel with signal and all channels that have been located are stored. If you would like to stop "Auto Search" during the process, simply by pressing the function button.
5. Fine tune: NTSC-M is seldomly used.
6. AFC can be set to ON or OFF. When it is set to ON, the TV will search the TV signal automatically; when there is any offset in the signal, it will automatically adjust the channel to the correct positon.
7. Skip can be set to ON or OFF. When it is set to ON, a channel can be skipped by pressing the switching button on the remote control or on the front panel.
8. Reset to default: Reset to the factory default value.

2.3 LCD TV Description

The LCD TV will contain a main board, a power board, an IR board, a function keyboard, a tuner board and a headphone Board. The main board and power board will house the flat panel to control logic I^2C bus, DDC, brightness control logic for LCD panel, DC-DC conversion to supply the appropriate power to the whole board and transmitting TTL level signals into LCD Module to drive the LCD display circuit.

The inverter board will drive the six CCFLs (Cold Cathode Fluorescent Tube).

The switching power board will provides the power ON/OFF to control the TV and control LED indicator for DPMS.

The function keyboard and Remote Control will provide the OSD control signal to the Main Board.

2.4 Interface Connector

(A) Power Cord Connector.

(B) RF Signal Connector.

(C) Video / Audio Signal Connectors.

(D) PC D-sub 15 pin Connector.

(E) PC Audio Connector

(F) AV Connector

(G) S-Video Connector

(H) Component Connector

3. Precautions and Notices

3.1 Assembly Precaution

(1) Please do not press or scratch LCD panel surface with anything hard. And do not soil LCD panel surface by touching with bare hands (Polarize film, surface of LCD panel is easy to be flawed)

In the LCD panel, the gap between two glass plates is kept perfectly even to maintain display characteristic and reliability. If this panel is subject to hard pressing, the following occurs:

(a) Uniform color (b) Orientation of liquid crystal becomes disorder

(2) Please wipe out LCD panel surface with absorbent cotton or soft cloth in case of it being soiled.

(3) Please wipe out drops of adhesive like saliva and water in LCD panel surface immediately.

They might damage to cause panel surface variation and color change.

(4) Do not apply any strong mechanical shock to the LCD panel.

3.2 Operating Precaution

(1) Please be sure to unplug the power cord before remove the back-cover. (Be sure the power button is turn-off)

(2) Please do not change variable resistance settings in MAIN-BOARD; they are adjusted to the most suitable value. If they are changed, it might happen LUMINANCE does not satisfy the white balance spec.

(3) Please consider that LCD backlight takes longer time to become stable of radiation characteristic in low temperature than in room temperature.

(4) Please pay attention to displaying the same pattern for very long-time. Image might stick on LCD.

3.3 Storage Precaution

(1) When you store LCD for a long time, it is recommended to keep the temperature between -10°C -50°C without the exposure of sunlight and to keep the humidity less than 85% RH.

(2) Please do not leave the LCD in the environment of high humidity and high temperature such as 60°C, 85%RH.

(3) Please do not leave the LCD in the environment of low temperature: below -10°C.

3.4 High Voltage Warning

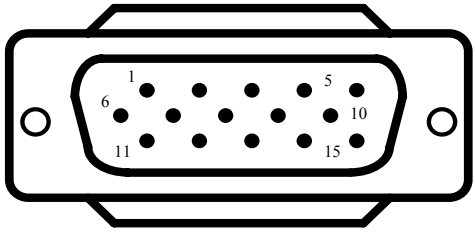
The high voltage was only generated by INVERTER module on Power Board, if carelessly contacted the transformer on this module, can cause a serious shock. (The lamp voltage after stable around 600V, with lamp current around 8mA, and the lamp starting voltage was around 1500V, at Ta=25°C)

4. Input/Output Description

4.1 D-SUB Connector

This procedure gives you instructions for installing and using the LCD TV display.

1. Position the display on the desired operation and plug the power cord into a convenient AC outlet. Three-wire power cord must be shielded and is provided as a safety precaution as it connects the chassis and cabinet to the electrical conduct ground. If the AC outlet in your location does not have provisions for the grounded type plug, the installer should attach the proper adapter to ensure a safe ground potential.
2. Connect the 15-pin color display shielded signal cable to your signal system device and lock both screws on the connector to ensure firm grounding. The connector information is as follow:



15 - Pin Color Display Signal Cable

Pin No.	Description	Pin No.	Description
1	Red Video	9	No Pin!
2	Green Video	10	Sync Ground
3	Blue Video	11	Not Used
4	Not Used	12	Serial Data for DDC
5	Ground	13	H-Sync.
6	Red Ground	14	V-Sync.
7	Green Ground	15	Serial Clock for DDC
8	Blue Ground		

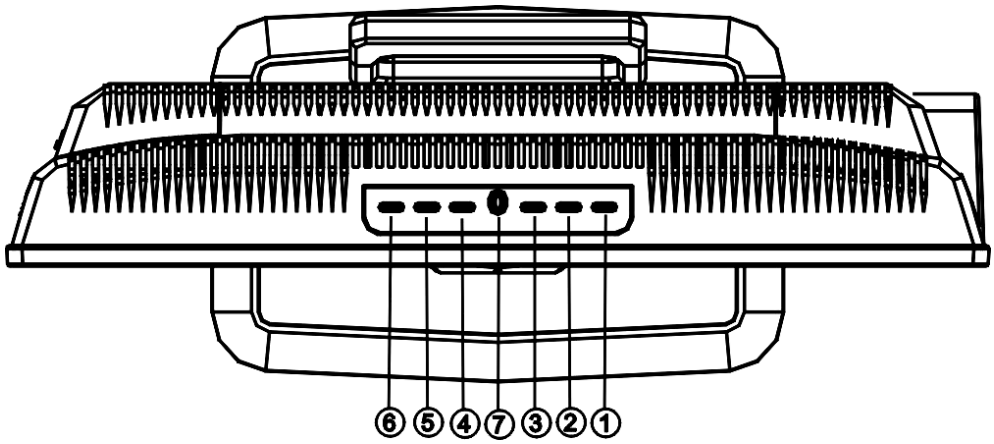
3. S-Video (Y /C): TV rear side : 4 pin Mini-DIN female
   Component Video: TV rear side : RCA female (Red / Blue / Green)
   TV: TV rear side : IEC type female
   AV : TV rear side : RCA female (Yellow)
   AV/HD Audio: TV rear side : RCA female (Red / White)
   PC Input audio: 3.5mm Stereo female
   Audio Input for AV,S-Video, Component Video : RCA female (Red / White)
   Headphone 3.5mm female
   Audio Output (to external speaker)
4. Apply power to the display by turning the power switch to the "ON" position and allow about ten seconds for Panel warm-up. The Power-On indicator lights "GREEN" when the display is on.
5. With proper signals feed to the display, a pattern or data should appear on the screen, adjust the brightness and contrast to the most pleasing display, or press auto-adjust to get the best picture-quality.
6. This TV (with PC function) has power saving function following the VESA DPMS. Be sure to connect the signal cable to the PC.
7. If your TV requires service, it must be returned with the power cord.

4.2 Factory Preset Display Modes:

Analog RGB Signal Timing

Dots × Lines	Vertical	Horizontal	Sync Polarity		Presence		Screen Mode
	Frequency (Hz)	Frequency (KHz)	Horizontal	Vertical	Horizontal	Vertical	FULL (15:9)
720 ×400	70.1	31.5	NEG	POS	YES	YES	YES
640 ×480	59.9	31.5	NEG	NEG	YES	YES	YES
	72.8	37.9	NEG	NEG	YES	YES	YES
	75.0	37.5	NEG	NEG	YES	YES	YES
800 ×600	60.3	37.9	POS	POS	YES	YES	YES
	72.2	48.1	POS	POS	YES	YES	YES
	75.0	46.9	POS	POS	YES	YES	YES

5. Front Panel Control Knobs



Power Key ⑦ **:** Press to turn on or off the TV.

MENU Key ⑥ **:** Press to show the OSD menu and exit OSD menu at the TV.

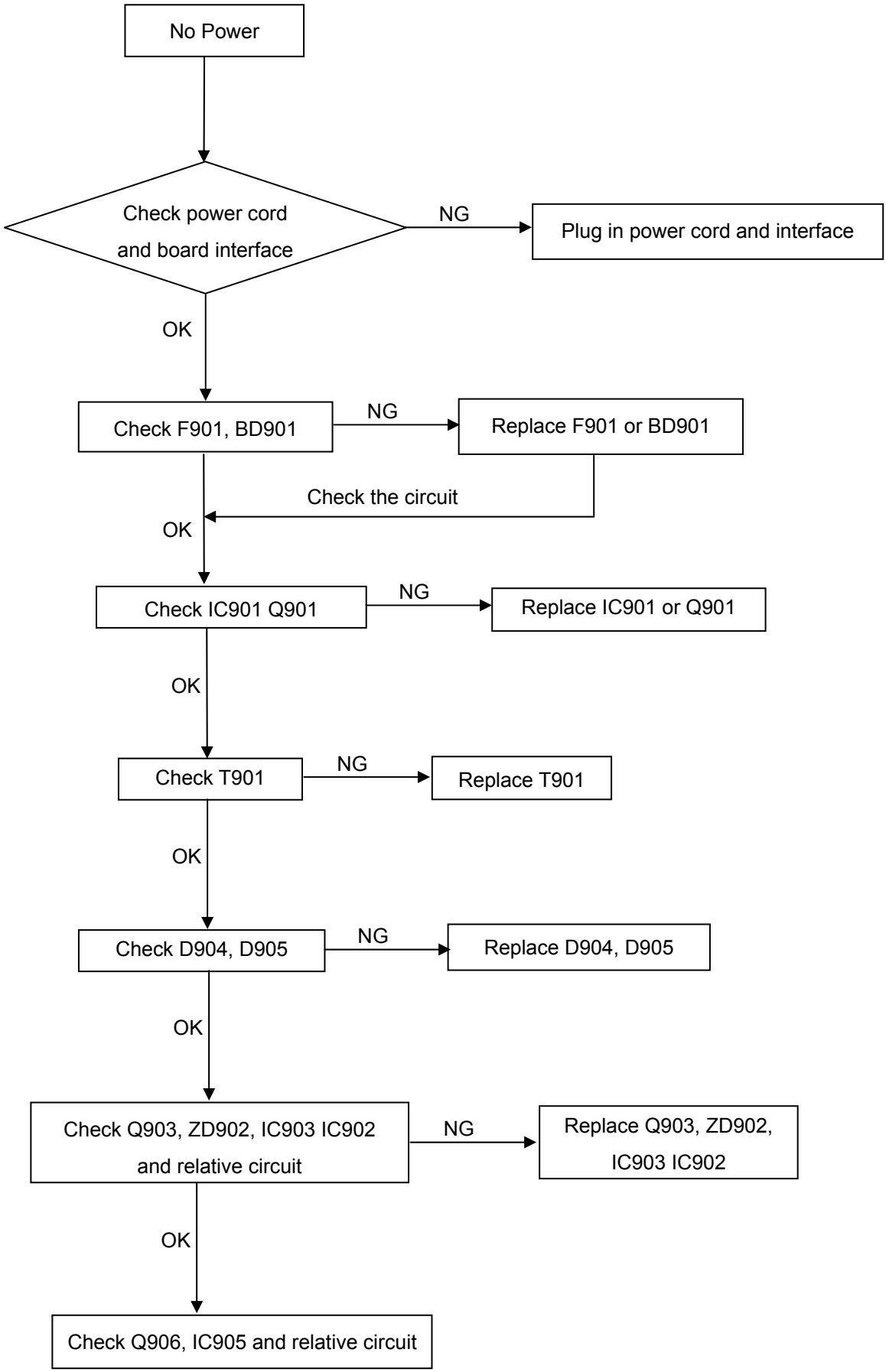
Down / Up Key ⑤ ④**:** Select the intended function by pressing these two keys, or switch the channels in the TV mode.

+ /- Key ② ③ **:** Press to confirm your function selection and adjustment volume.

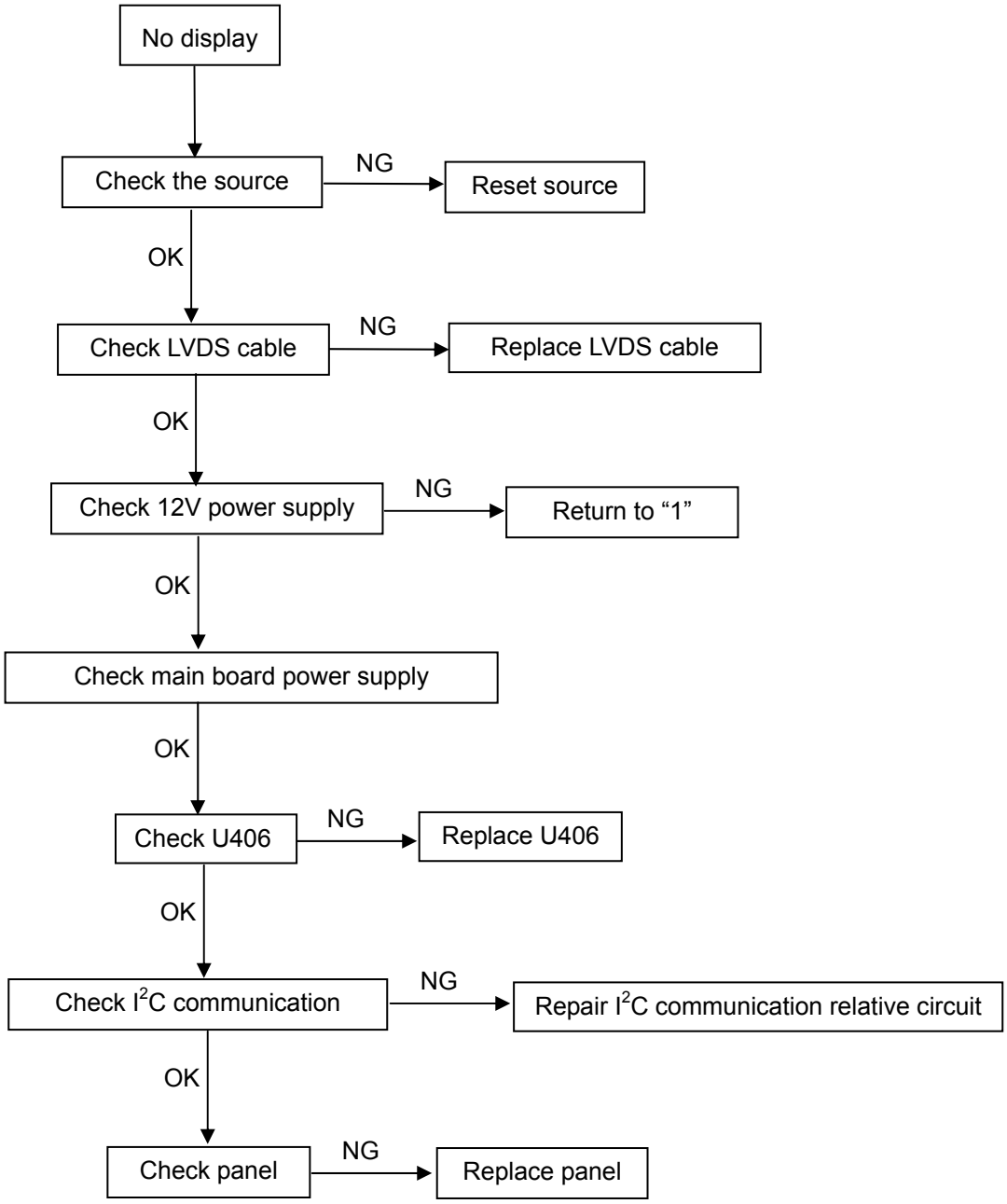
Source Key ① **:** Press to select your input source.

6. Repair Flow Chart

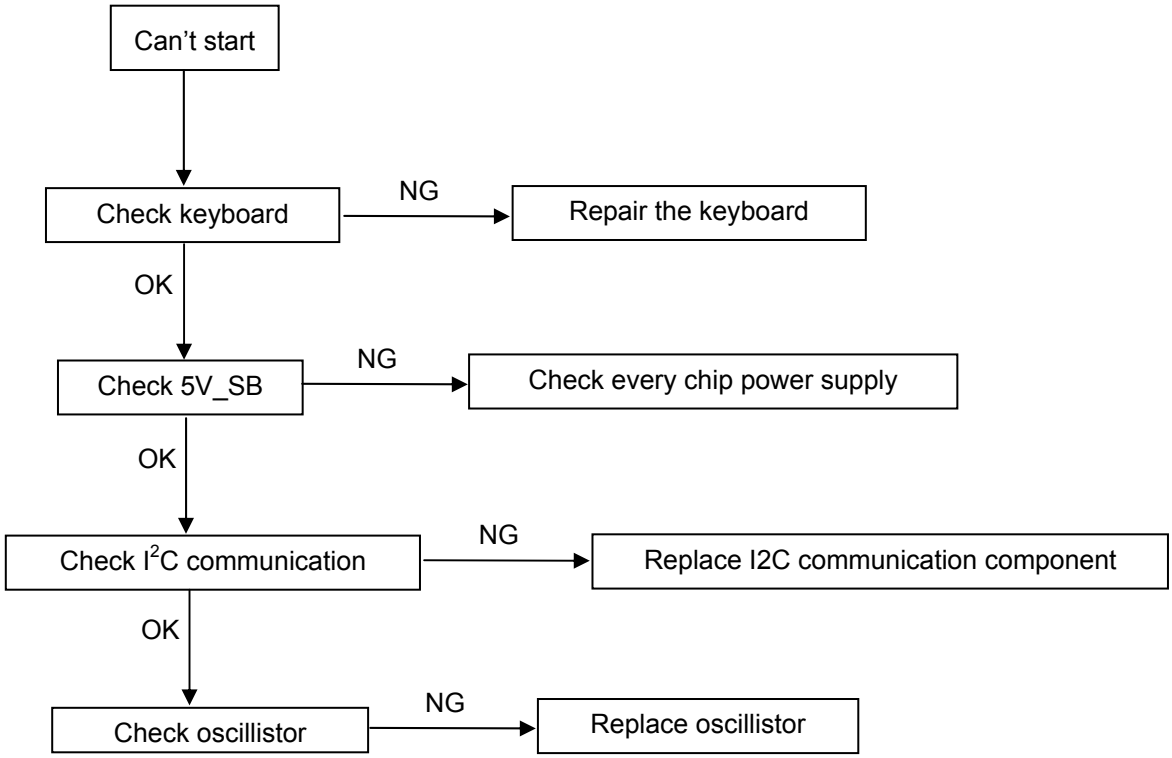
1. No Power (No LED indicator)



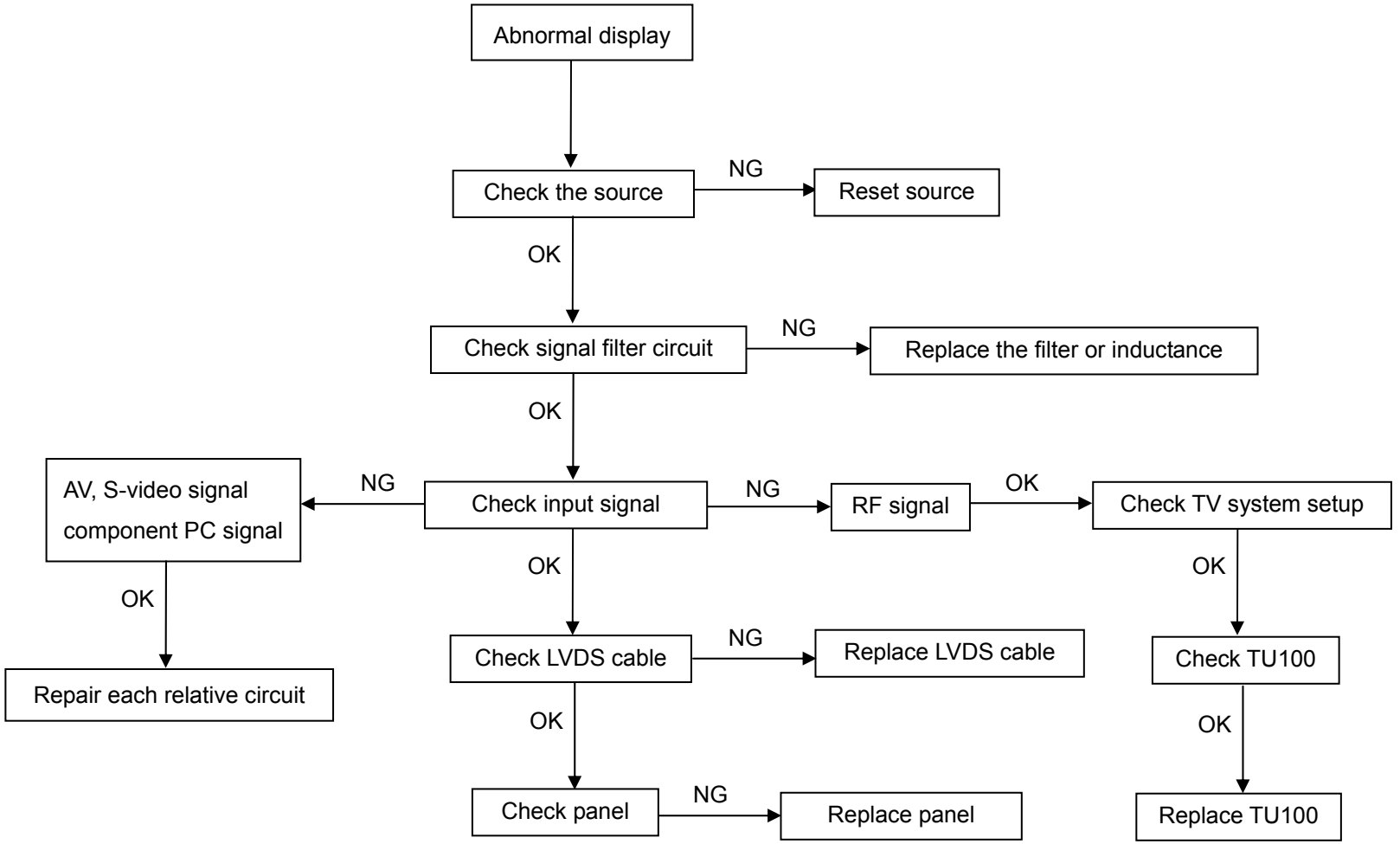
2. No Display (LED indicator green)



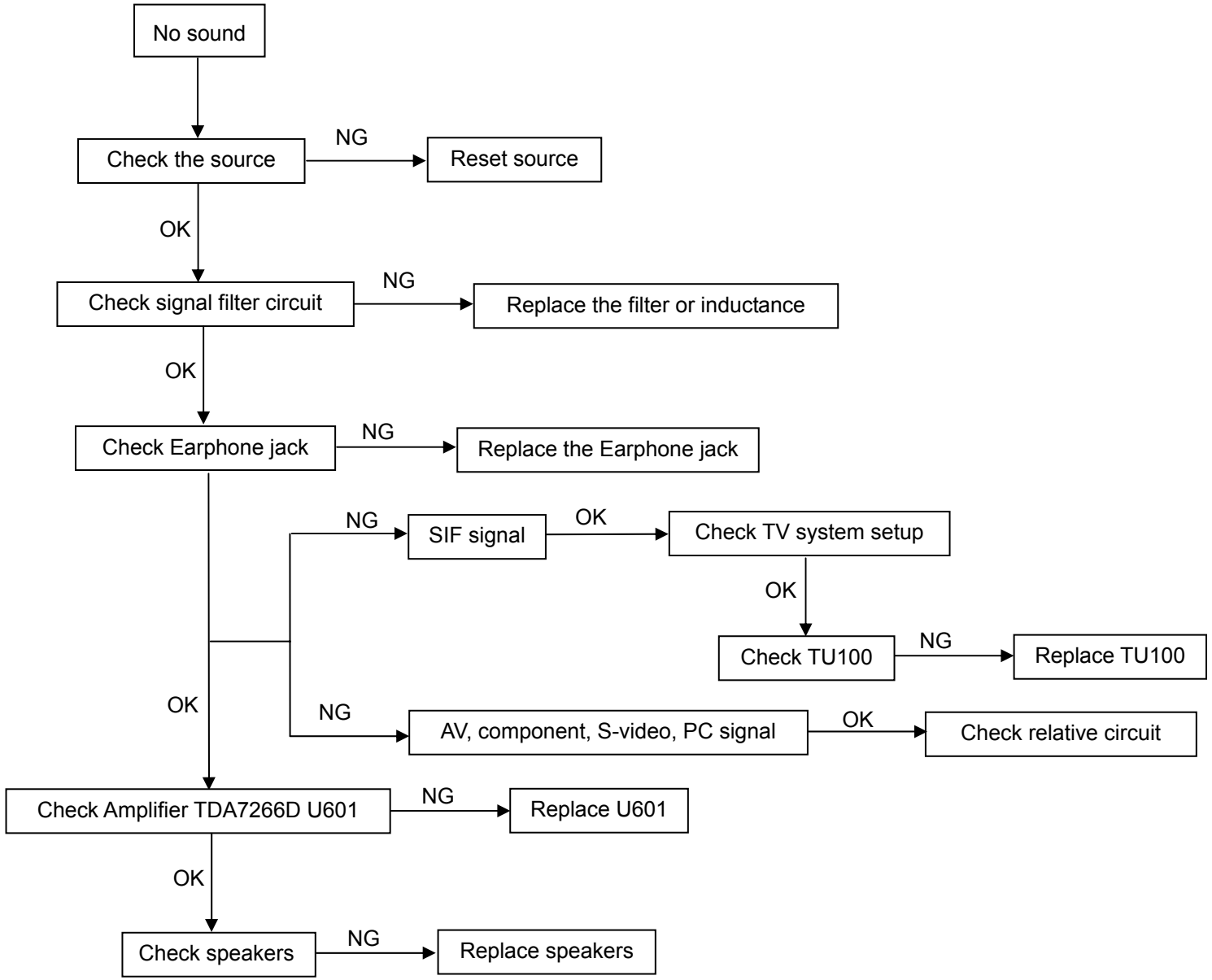
3. Can’t start (LED indicator yellow)



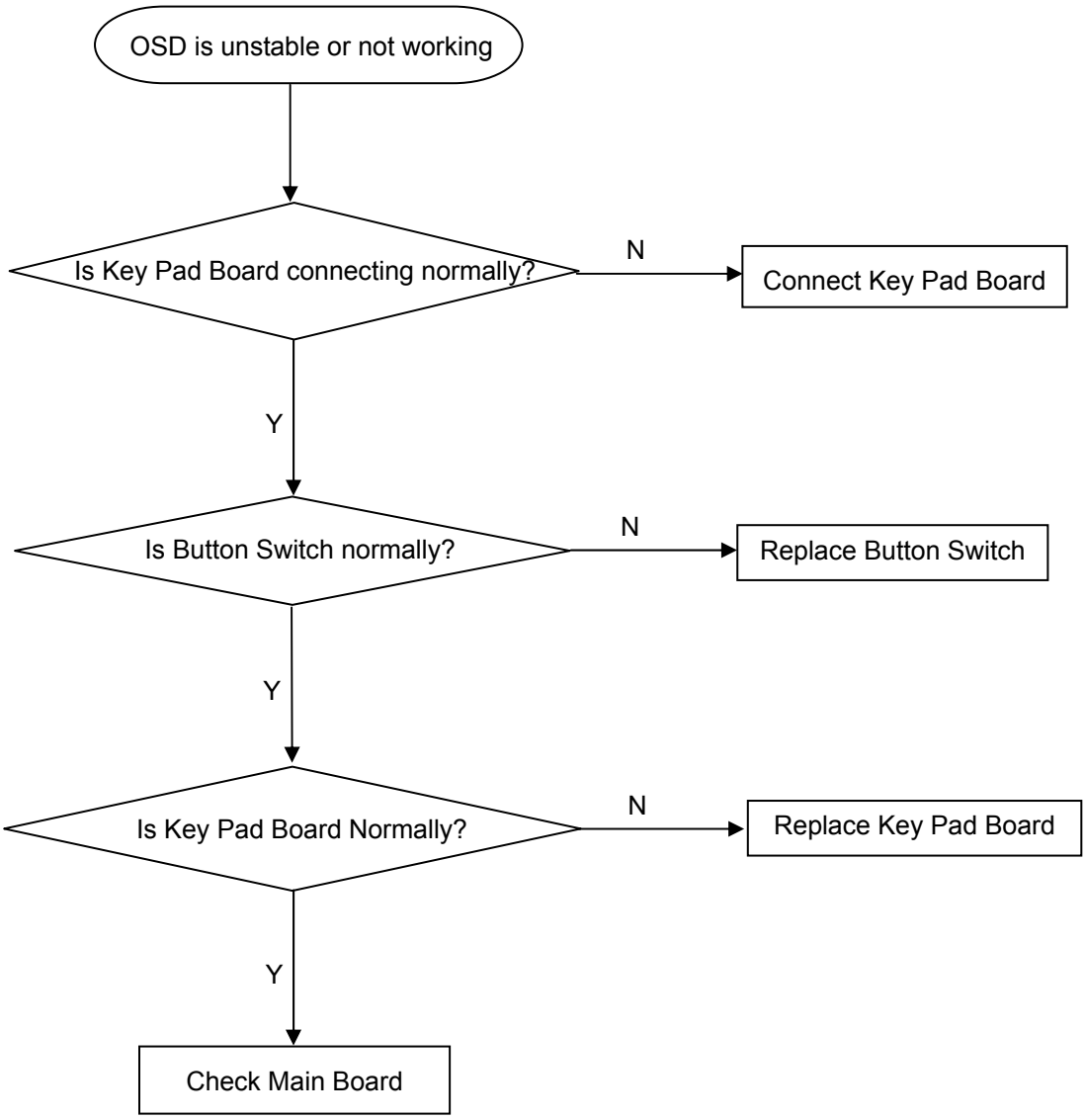
4. Abnormal Display



5. No Sound


No sound
Check the source
NG
Reset source
OK
Check signal filter circuit
NG
Replace the filter or inductance
OK
Check Earphone jack
NG
Replace the Earphone jack
NG
SIF signal
OK
Check TV system setup
OK
Check TU100
NG
Replace TU100
OK
NG
AV, component, S-video, PC signal
OK
Check relative circuit
Check Amplifier TDA7266D U601
NG
Replace U601
OK
Check speakers
NG
Replace speakers

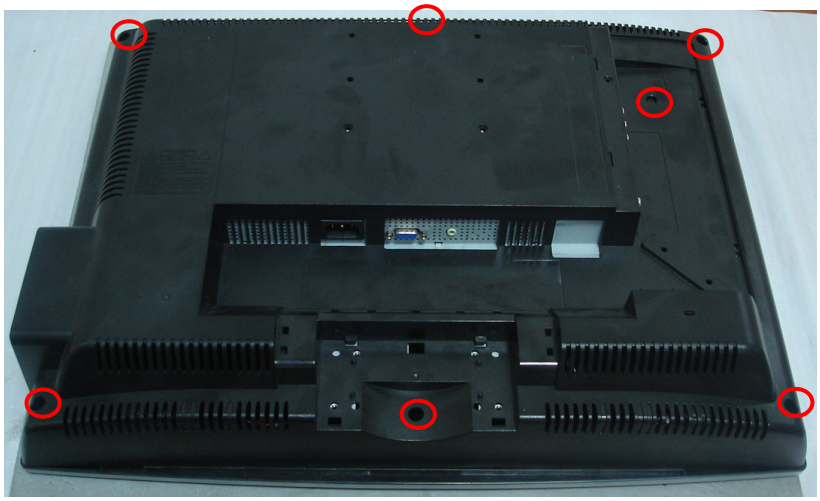
Key Board


OSD is unstable or not working
Is Key Pad Board connecting normally?
N
Connect Key Pad Board
Y
Is Button Switch normally?
N
Replace Button Switch
Y
Is Key Pad Board Normally?
N
Replace Key Pad Board
Y
Check Main Board

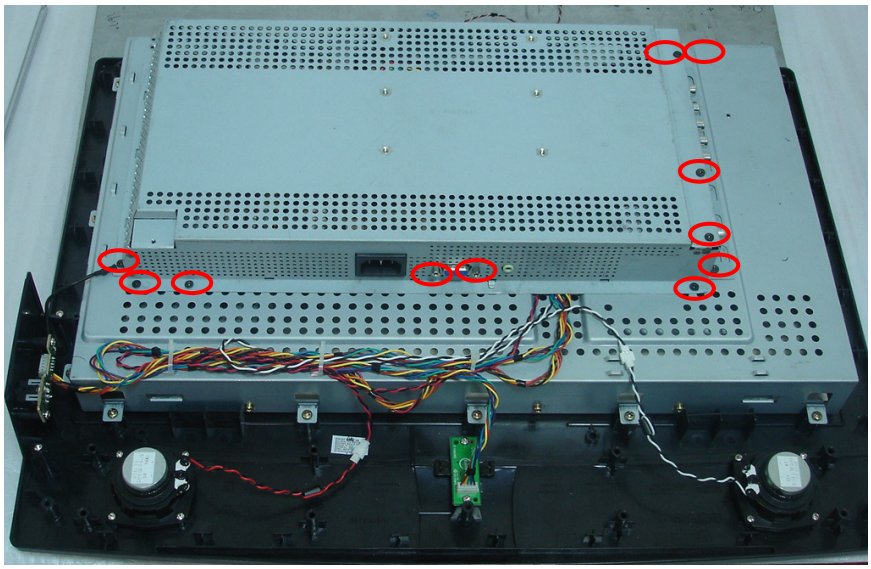
7. Mechanical Instructions

1. Remove the four screws to remove the base.

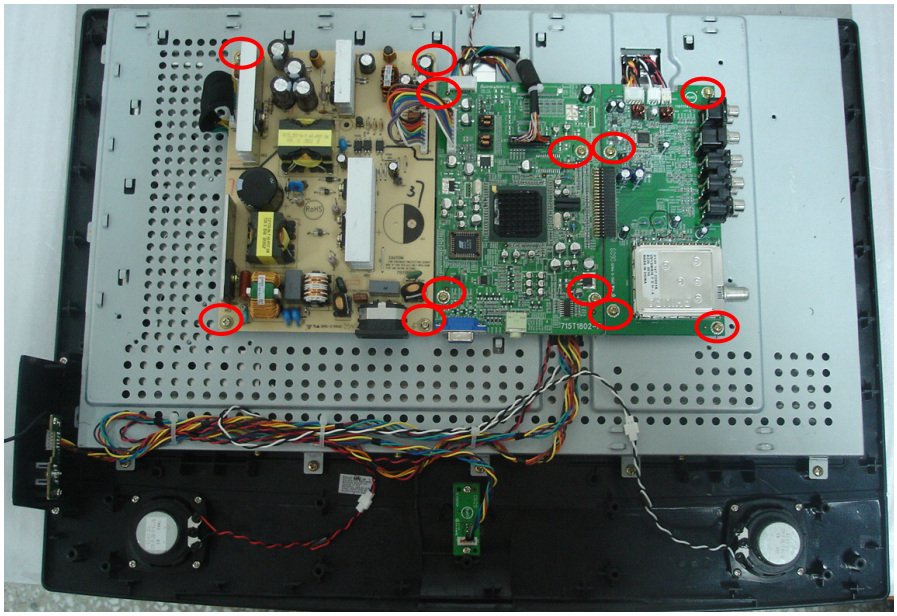
2. Remove the seven screws to remove the back cover.



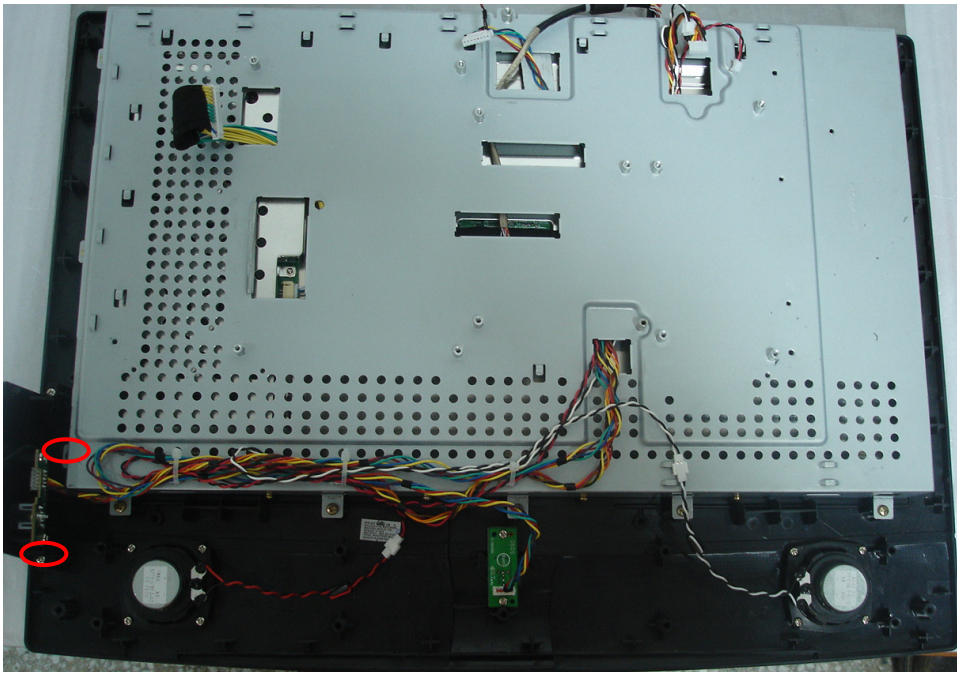
3. Remove the eleven screws to remove the shield.



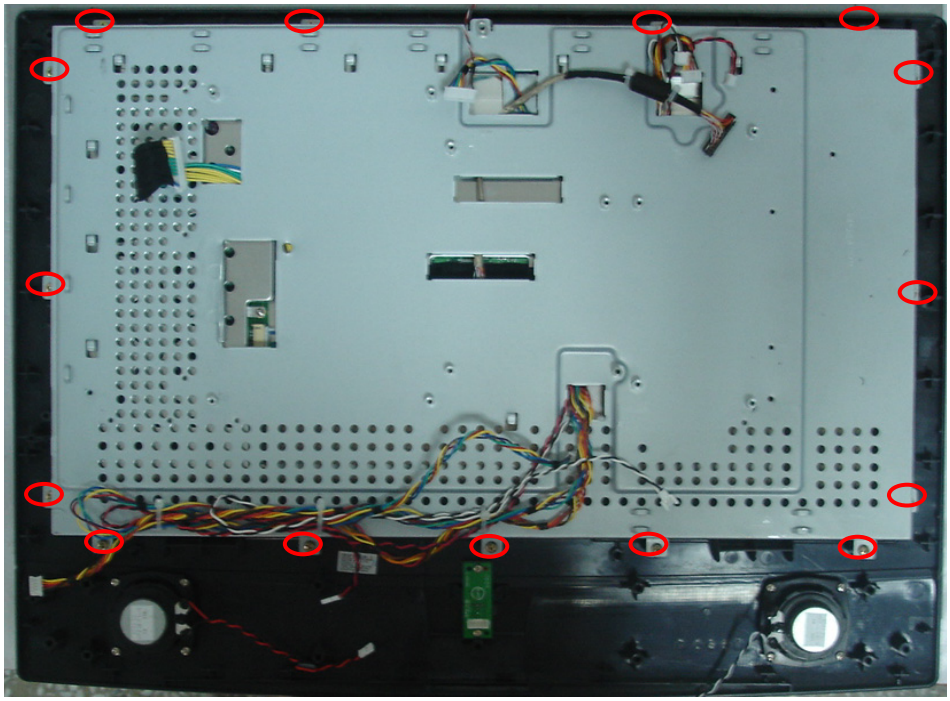
4. Remove the twelve screws to remove the main board, power board and I/O board.

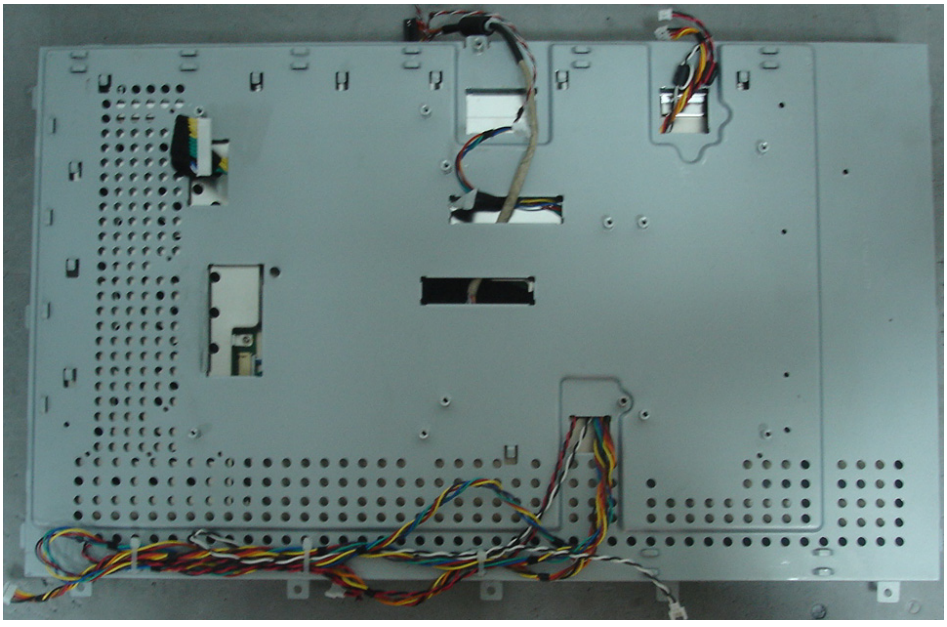


5. Remove the two screws to remove the headphone board.

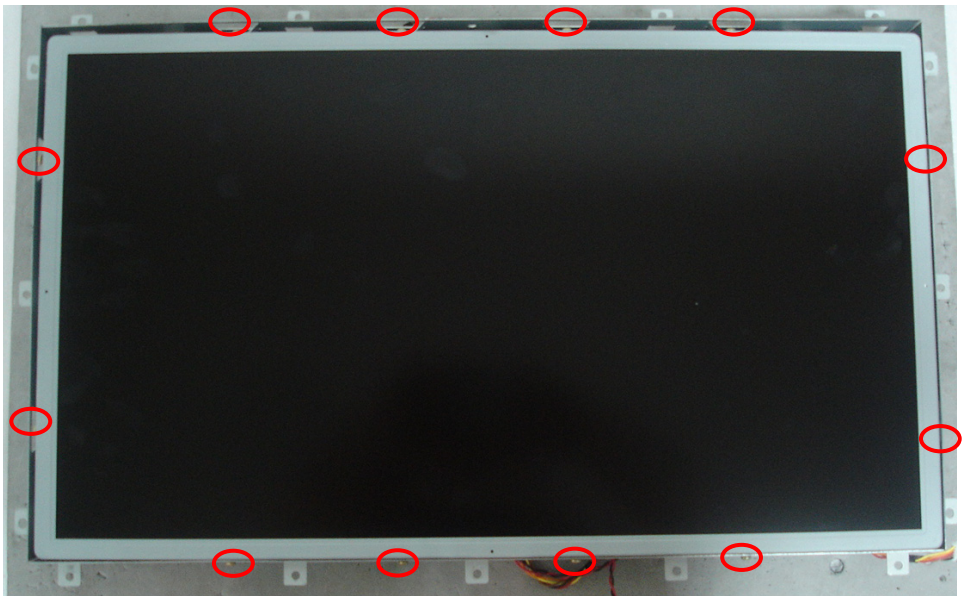


6. Remove the 15 screws to remove the bezel.



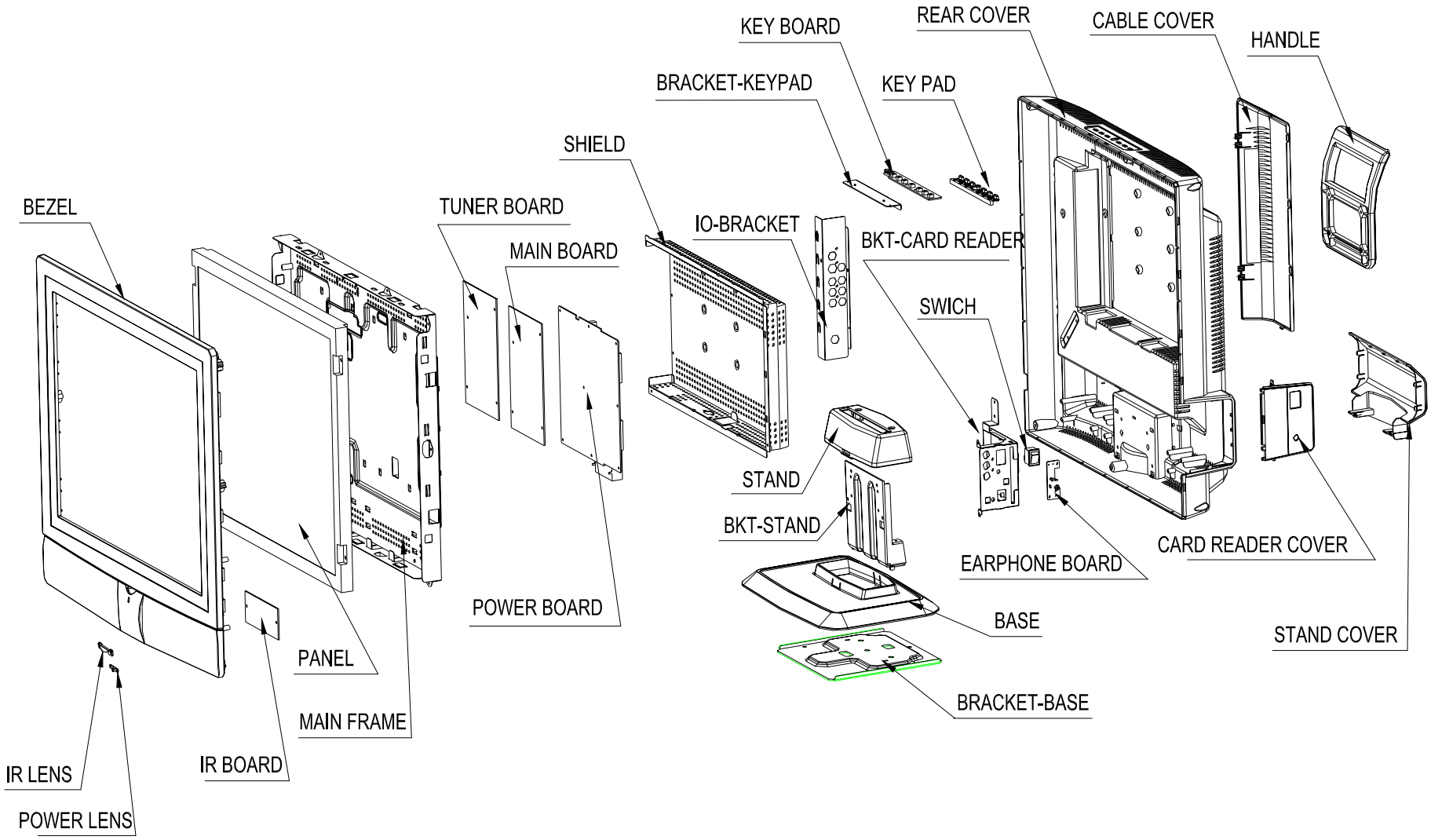


7. Remove the ten screws to remove the main frame.



8. Exploded View

The explode drawing for 20inch model of 20-06-A1-1



9. Parts List of Cabinet

EAA6CHNKD1ACTMP

Location	Part No. for TPV	Description	Quantity
	002T6008 1	SCREW	2.000
	007T 6 5S10	COMPOUND PALLET	1.000
	015T5930 14	BKT CONNECTOR	1.000
	026T 800504 3	BARCODE LABEL	1.000
	034T1522 GM L	HANDLE	1.000
	034T1529 GM L	COVER HIMGE	1.000
	034T6360 GM L	COVER HWGE	1.000
	040T 58162435A	LABEL	1.000
	044T2006 1	EPS	1.000
	044T2006 2	EPS	1.000
	044T2006 5 1A	DEU 26 TV STAND BOX	1.000
	044T3231 15	EVA WASHER	1.000
	044T3231 15528	EVA WASHER	1.000
	044T600210A	PAPER PLATE	1.000
	044T9003 6	CORNER PAPER	1.000
	044TZ001200 4B	PIZZA BOX	1.000
	045T 88606 3	PE BAG FOR BASE	1.000
	045T 88609 20	EPE COVER-AOC	1.000
	045T 88626 4	PE BAG FOR MONITOR	1.000
	050T 500 1	CABLE TIE	6.000
	052T 1185	MIDDLE TAPE FOR CARTON	140.000
	052T 1186	SMALL TAPE	10.000
	052T 1209500	ALUMINIUM TAPE	1.000
	052T6020 6	PROTECT FILM	1.000
	078T 306500 KL	SPK 4OHM 5W KUAIDA	1.000
	078T 306500 KR	SPK 4OHM 5W KUIADA	1.000
	085T 689 7	SHIELD MAIN	1.000
	089T1735GAA D1	SIGNAL CABLE	1.000
	089T176J 50514	FFC CABLE 5OP	1.000
	089T402A15N IS	POWER CORD	1.000
	092TB1JX1A31GF	BATTERY	2.000
	095T8014 2521	WIRE HARNESS	1.000
	095T8014 3536	WIRE HARNESS	1.000
	095T8014 5563	WIRE HARNESS	1.000
	095T8014 8587	WIRE HARNESS	1.000

	098TR7SW3NEACF	Remote Control	1.000
	0M1T 330 4128	SCREW	2.000
	0M1T 330 4128	SCREW	3.000
	0M1T 330 4128	SCREW	2.000
	0M1T 330 6120	SCREW	3.000
	0M1T 340 14120	SCREW M4X14	4.000
	0M1T1130 6128	SCREW	13.000
	0M1T1140 6120	SCREW 4*6MM	1.000
	0M1T1740 14120	SCREW	4.000
	0M1T1740 14120	SCREW	4.000
	0Q1T 330 8120	SCREW 3X8mm	2.000
	0Q1T 340 12 47	SCREW T4X12	5.000
	0Q1T 930 6128	SCREW T3X6	4.000
	0Q1T1030 12128	SCREW	10.000
	705G 780 77 07	SW901 ASS'Y FOR ROHS	1.000
	705TQAK0B34014	BACK COVER ASS'Y	1.000
	750VVCA1A07 11	CPT 20.1" PANEL	1.000
	AM1T1740 14120	SCREW	4.000
	CBPFAA6KMPATP	MAIN BOARD	1.000
	IRPFAA7P	IR BOARD	1.000
	KEPFAA7P	KEY BOARD	1.000
	PWTV2062MEF1P	20" TV POWER BOARD	1.000
	Q15T8152 13	MAIN FRAME	1.000
	Q40T 20061524A	RATING LABEL	1.000
	Q40T 58161548A	I/O LABEL	1.000
	Q44T200661510A	CARTON	1.000
	Q52T6025 15103	MYLAR	1.000
	TUPFAA3P	TUNER BOARD	1.000
	041T780061532C	SA CENTER LIST	1.000
	041T780061580A	WARRANTY BOOKLET	1.000
	045T 76 28 C	PE Bag For Manual	1.000
	089T 173 56531	AUDIO CABLE	1.000
	Q01T6017 2 GP	SCREW	3.000
	Q41T200161530B	manual	1.000
	015T8150 2	BKT CARD READER(20)	1.000
	050T 500 1 V0	CABLE TIE	2.000
SW901	077T 306 23 CH	RICJER SWITCH RF-1003	1.000
	095T 900591	WIRE HARNESS	1.000
	095T 900592	WIRE HARNESS	1.000

	0M1T1130 6128	SCREW	2.000
	HJPFAA7P	HEAD PHONE JACK BOARD 20"TV	1.000
	W33T4835BGM 3A	CARD READER COVER	1.000
	011T 176 1 RL GP	WIRE HOLDER	1.000
	012T 394 3	RUBBER FOOT	4.000
	015T6184 1	Kensington lock	1.000
	015T6313 1	BKT-STAND	1.000
	015T6338 1	BKT-BASE	1.000
	015T8148 1	ID1_BKT_KEYPAD	1.000
	015T8153 1	BKT-HINGE	1.000
	033T4823 P0 L	FUN KEY	1.000
	033T6301A14 2C	PC PLATE ON TOP	1.000
	033T6404 1 C	LENS POWER	1.000
	033T6405 ED C	IR LENS	1.000
	034T6359 RG L	STAND	1.000
	0M1T 330 4128	SCREW	2.000
	0M1T 330 6120	SCREW	2.000
	0Q1T 140 8120	SCREW	4.000
	0Q1T 330 8120	SCREW 3X8mm	1.000
	0Q1T1030 8128	SCREW	8.000
	Q34T1528 GM 5L	REAR COVER	1.000
	Q34T6357 RGC1L	BEZEL	1.000
	Q34T6358 RG 1L 20	BASE	1.000
CN103	033T3278 10	10 PLUG B10E-XHA/JST E10B-XHA/	1.000
CN114	033T3802 8H	WAFER 8P RIGHT ANGLE PITCH 2.0	1.000
CN107	033T801744A FH	WAFER	1.000
U409	053T 40504	TPSRA4M50B00-B0	1.000
U202	056T 665505 HD	IC VF45A3D HAODA	1.000
U203	056T 665506 HD	IC AF45A3D HAODA	1.000
U406	056T1133518SST	IC SST39VF020-70-4C-NHE	1.000
L203	073T 5556810T	0.56UH +-10%	1.000
L602	073T 5568910T	6.8UH+-10%	1.000
L101	073T 253137 ER	CHOKE COIL BY EROCORE SCB-03	1.000
L102	073T 253137 ER	CHOKE COIL BY EROCORE SCB-03	1.000
J102	088T 30214K	PHONE JACK	1.000
CN105	088T 35315F H	D-SUB 15PIN	1.000
X201	093T 2258B J	24.576MHZ/20PF/49US	1.000
	SMTFAA6KMPATP	MAIN BOARD	1.000
CN101	033T3802 5	AUDIO IN	1.000

D02	056T 627503	IC GP18B38BCE-HB GUANGPU	1.000
D04	081T 12 6 GP	LED	1.000
	095T 900595	WIRE HARNESS	1.000
	SMTIRPFAA7P	IR BOARD FOR SMT	1.000
	095T 900576	HARNESS	1.000
	SMTKEPFAA7P	KEY BOARD FOR SMT	1.000
CN806	033T8021 2D U	3.5mm WAFER	1.000
CN805	033T8021 2D U	3.5mm WAFER	1.000
CN804	033T8021 2D U	3.5mm WAFER	1.000
CN803	033T8021 2D U	3.5mm WAFER	1.000
CN802	033T8021 2D U	3.5mm WAFER	1.000
CN801	033T8021 2D U	3.5mm WAFER	1.000
CN904	033T8029 3A	WAFER 2P 3.96MM	1.000
CN902	033T8029 3A	WAFER 2P 3.96MM	1.000
	040G 45762412B	CBPC LABEL	1.000
	051G 6 4500	RTV	350.000
	051G 6 4503	RTV	600.000
IC902	056T 139 3A	PC123Y22FZOF	1.000
NR901	061T 5810T	8 OHM 4A NTCR BY THINKING	1.000
C808	065T 3J1506ET	15PF 3KV	1.000
C835	065T 3J1506ET	15PF 3KV	1.000
C801	065T 3J4706ET	47PF 3KV	1.000
C802	065T 3J4706ET	47PF 3KV	1.000
C804	065T 3J4706ET	47PF 3KV	1.000
C830	065T 3J4706ET	47PF 3KV	1.000
C834	065T 3J4706ET	47PF 3KV	1.000
C836	065T 3J4706ET	47PF 3KV	1.000
C923	065T306M1022BP	Y1.CAP.001UF 250VAC MURATA	1.000
C902	065T306M1022BP	Y1.CAP.001UF 250VAC MURATA	1.000
C901	065T306M1022BP	Y1.CAP.001UF 250VAC MURATA	1.000
C921	065T306M4722BP	4700PF +-20% 400VAC	1.000
C938	067T215L471 4N GP	KY25VB470M-L10*16	1.000
C832	067T215L471 4N GP	KY25VB470M-L10*16	1.000
C803	067T215L471 4N GP	KY25VB470M-L10*16	1.000
C914	067T215S102 4K	LOW ESR EC 1000UF 25V	1.000
C916	067T215S102 4K	LOW ESR EC 1000UF 25V	1.000
C920	067T215S102 4K	LOW ESR EC 1000UF 25V	1.000
C915	067T215S102 4K	LOW ESR EC 1000UF 25V	1.000
C905	067T215S12115K	120UF/450V	1.000

C940	067T215S471 3K	LOW ESR EC 470UF 16V	1.000
C942	067T215S471 3K	LOW ESR EC 470UF 16V	1.000
L904	073L 174 26T1G	LINE LILT 0.45MM	1.000
L902	073L 174 50 LH	LINE FILTER	1.000
L804	073T 174 35YSA	LINE FILTER 200MH+-25% TOP NATION	1.000
L803	073T 174 35YSA	LINE FILTER 200MH+-25% TOP NATION	1.000
L802	073T 174 35YSA	LINE FILTER 200MH+-25% TOP NATION	1.000
L801	073T 174 35YSA	LINE FILTER 200MH+-25% TOP NATION	1.000
L903	073T 253 91 L	CHOKE BY LI TA	1.000
L905	073T 253151 T	CHOKE COIL	1.000
T901	080GL20T 11 L	XF MR	1.000
T802	080GL20T 12 DN	X'FMR	1.000
T801	080GL20T 12 DN	X'FMR	1.000
CN901	087T 501 32 S	AC SOCKET	1.000
D901	093T 6026T52T	FR107	1.000
CN903	095T8013 10 18	WIRE HARNESS	1.000
R914	705G 20 61 04	R914 ASS'Y	1.000
	705T 20 57 06	Q901 ASS'Y	1.000
	705T 20 61 05	Q903 ASS'Y	1.000
	705T 20 93 06	D910/D911 ASS'Y	1.000
	SMTPW2062MEF1P	POWER BOARD FOR SMT	1.000
CN604	033T3802 2H	WAFER 2P RIGHT ANGLE	1.000
CN603	033T3802 3H	WAFER 3P RIGHT ANGLE	1.000
CN605	033T3802 5H	WAFER 5P RIGHT ANELE PI	1.000
CN601	033T802444C FH	WAFER	1.000
R665	061T153M399 59	3.9 OHM+-5% 3W	1.000
R663	061T153M399 59	3.9 OHM+-5% 3W	1.000
R662	061T153M399 59	3.9 OHM+-5% 3W	1.000
R661	061T153M399 59	3.9 OHM+-5% 3W	1.000
C678	067T405Y1013PV	E-CAP 100UF	1.000
C615	067T405Y1013PV	E-CAP 100UF	1.000
C614	067T405Y1013PV	E-CAP 100UF	1.000
C613	067T405Y1013PV	E-CAP 100UF	1.000
C605	067T405Y1013PV	E-CAP 100UF	1.000
L219	073T 5547010T	PEAKING COIL 47UH+-10% TDK	1.000
L218	073T 5547010T	PEAKING COIL 47UH+-10% TDK	1.000
	085T 583510	GASKET	1.000
J101	088T 78 13 3C	AV-S-01-W	1.000
CN202	088T 78 13 5C	RCA JACK	1.000

J103	088T 78 1R CL	RCA JACK 1P RED	1.000
	090T6119 2	HEAT SINK	1.000
TU100	094TNPALMNA NP	TUNER UV1336B/AFSH-4 PHILIPS	1.000
	SMTTUPFAA3P	TUNER BOARD FOR SMT	1.000
CN1	033T3802 5H	WAFER 5P RIGHT ANELE PI	1.000
J1	088T 30230C	PHONE JACK	1.000
	095T 900 53	HARNESS 95MM	1.000
	SMTHJPFAA7P	HEAD PHONE BOARD	1.000
CN106	033T8019 50	CONNECTOR 50P	1.000
U405	056T 561 10	THC63LVDF84B	1.000
U401	056T 562516	TDA15501E	1.000
U103	056T 563 25	AIC1084-33PE	1.000
U102	056T 563 25	AIC1084-33PE	1.000
U101	056T 563 27	AIC1117A-18PY SOT223 AIC	1.000
U407	056T 614 1	74HC4052D	1.000
U302	056T 614 1	74HC4052D	1.000
U402	056T 634 2	PI5V330Q QSOP-16 BY PER	1.000
U404	056T 634 2	PI5V330Q QSOP-16 BY PER	1.000
U301	056T1133 34	M24C02-WMN6TP	1.000
U403	056T113353A	M24C32-WMN6TP	1.000
Q109	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q116	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q403	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q402	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q401	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q202	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q201	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q105	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q104	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q418	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q417	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q416	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q415	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q414	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q413	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q412	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q108	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q107	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q404	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000

Q405	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q406	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q102	057T 417 6	PMBS3906/PHILIPS-SMT	1.000
Q103	057T 417 6	PMBS3906/PHILIPS-SMT	1.000
Q111	057T 763 1	A03401L SOT23 BY AOS	1.000
Q101	057T 763 3	AO4411L SO-8 BY AOS SMT	1.000
RP401	061V 125220 8	CHIP ARRAY 22 OHM 1/16W8P4R	1.000
RP402	061V 125220 8	CHIP ARRAY 22 OHM 1/16W8P4R	1.000
RP403	061V 125220 8	CHIP ARRAY 22 OHM 1/16W8P4R	1.000
RP404	061V 125220 8	CHIP ARRAY 22 OHM 1/16W8P4R	1.000
RP405	061V 125220 8	CHIP ARRAY 22 OHM 1/16W8P4R	1.000
RP406	061V 125220 8	CHIP ARRAY 22 OHM 1/16W8P4R	1.000
R205	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R204	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R542	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R550	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R549	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R516	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R515	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R514	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R513	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R495	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R493	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R492	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R429	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R294	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R208	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R207	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R206	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R203	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R201	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R408	061V0603100	CHIP 10 OHM 1/16W	1.000
R407	061V0603100	CHIP 10 OHM 1/16W	1.000
R406	061V0603100	CHIP 10 OHM 1/16W	1.000
R222	061V0603100	CHIP 10 OHM 1/16W	1.000
R220	061V0603100	CHIP 10 OHM 1/16W	1.000
R215	061V0603100	CHIP 10 OHM 1/16W	1.000
R523	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R522	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000

R520	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R508	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R507	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R503	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R483	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R448	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R447	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R446	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R445	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R444	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R443	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R442	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R441	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R440	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R555	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R556	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R557	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R459	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R460	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R461	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R226	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R224	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R217	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R554	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R551	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R546	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R545	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R526	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R525	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R524	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R291	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R218	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R219	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R221	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R223	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R239	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R240	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R242	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R244	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000

R245	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R289	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R276	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R253	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R252	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R251	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R250	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R249	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R248	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R538	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R559	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R124	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R537	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R536	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R535	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R534	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R115	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R116	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R269	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R270	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R302	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R295	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R263	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R262	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R261	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R260	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R259	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R258	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R449	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R450	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R451	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R452	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R455	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R456	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R484	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R485	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R486	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R487	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R488	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000

R489	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R531	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R532	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R533	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R257	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R256	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R134	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R133	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R110	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R109	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R108	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R104	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R103	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R528	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R529	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R527	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R254	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R107	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R102	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R106	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R272	061V0603105	CHIP 1MOHM 1/16W	1.000
R214	061V0603122	CHIP 1.2K OHM 1/16W	1.000
R213	061V0603122	CHIP 1.2K OHM 1/16W	1.000
R212	061V0603122	CHIP 1.2K OHM 1/16W	1.000
R211	061V0603122	CHIP 1.2K OHM 1/16W	1.000
R265	061V0603123	CHIP 12K OHM 1/16W	1.000
R409	061V0603123	CHIP 12K OHM 1/16W	1.000
R490	061V0603131	CHIPR 130 OHM +-5% 1/10W	1.000
R491	061V0603131	CHIPR 130 OHM +-5% 1/10W	1.000
R494	061V0603131	CHIPR 130 OHM +-5% 1/10W	1.000
R558	061V0603151	CHIP 150 OHM 1/16W	1.000
R553	061V0603152	RST CHIPR 1.5 KOHM +-5% 1/10W	1.000
R112	061V0603153	CHIPR 15KOHM+-5% 1/16W	1.000
R268	061V0603153	CHIPR 15KOHM+-5% 1/16W	1.000
R267	061V0603153	CHIPR 15KOHM+-5% 1/16W	1.000
R266	061V0603153	CHIPR 15KOHM+-5% 1/16W	1.000
R132	061V0603153	CHIPR 15KOHM+-5% 1/16W	1.000
R131	061V0603153	CHIPR 15KOHM+-5% 1/16W	1.000
R113	061V0603153	CHIPR 15KOHM+-5% 1/16W	1.000

R560	061V0603202	CHIP 2K OHM 1/16W	1.000
R273	061V0603220	CHIPR 22 OHM+-5% 1/10W	1.000
R123	061V0603223	CHIP 22KOHM 1/16W	1.000
R552	061V0603223	CHIP 22KOHM 1/16W	1.000
R130	061V0603223	CHIP 22KOHM 1/16W	1.000
R122	061V0603223	CHIP 22KOHM 1/16W	1.000
R121	061V0603223	CHIP 22KOHM 1/16W	1.000
R547	061V0603272	CHIP 2.7K OHM 1/16W	1.000
R548	061V0603272	CHIP 2.7K OHM 1/16W	1.000
R275	061V0603273	CHIP 27K OHM 1/16W	1.000
R420	061V0603332	CHIP 3.3K OHM 1/16W	1.000
R419	061V0603332	CHIP 3.3K OHM 1/16W	1.000
R297	061V0603332	CHIP 3.3K OHM 1/16W	1.000
R296	061V0603332	CHIP 3.3K OHM 1/16W	1.000
R127	061V0603332	CHIP 3.3K OHM 1/16W	1.000
R278	061V0603391	CHIP 390 OHM 1/16W	1.000
R279	061V0603393	CHIP 39K OHM 1/16W	1.000
R412	061V0603470	CHIP 47OHM 1/16W 1%	1.000
R411	061V0603470	CHIP 47OHM 1/16W 1%	1.000
R410	061V0603470	CHIP 47OHM 1/16W 1%	1.000
R457	061V0603470	CHIP 47OHM 1/16W 1%	1.000
R458	061V0603470	CHIP 47OHM 1/16W 1%	1.000
R105	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R281	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R413	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R502	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R540	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R541	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R499	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R498	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R497	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R496	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R501	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R415	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R416	061V0603472	RST CHIPR 4.7KOHM +-5% 1/10W	1.000
R101	061V0603473	CHIP 47K OHM 1/16W	1.000
R285	061V0603473	CHIP 47K OHM 1/16W	1.000
R286	061V0603473	CHIP 47K OHM 1/16W	1.000
R284	061V0603473	CHIP 47K OHM 1/16W	1.000

R530	061V0603473	CHIP 47K OHM 1/16W	1.000
R290	061V0603473	CHIP 47K OHM 1/16W	1.000
R543	061V0603473	CHIP 47K OHM 1/16W	1.000
R287	061V0603681	CHIP 680 OHM 1/16W	1.000
R544	061V0603750	CHIP 75OHM 1/16W	1.000
R521	061V0603750	CHIP 75OHM 1/16W	1.000
R519	061V0603750	CHIP 75OHM 1/16W	1.000
R518	061V0603750	CHIP 75OHM 1/16W	1.000
R512	061V0603750	CHIP 75OHM 1/16W	1.000
R506	061V0603750	CHIP 75OHM 1/16W	1.000
R505	061V0603750	CHIP 75OHM 1/16W	1.000
R504	061V0603750	CHIP 75OHM 1/16W	1.000
R288	061V0603750	CHIP 75OHM 1/16W	1.000
R418	061V0603823	CHIPR 82KOHM +-5% 1/16W	1.000
FB411	061V0805000	CHIP 0OHM 1/10W	1.000
FB410	061V0805000	CHIP 0OHM 1/10W	1.000
FB409	061V0805000	CHIP 0OHM 1/10W	1.000
FB408	061V0805000	CHIP 0OHM 1/10W	1.000
FB412	061V0805000	CHIP 0OHM 1/10W	1.000
FB413	061V0805000	CHIP 0OHM 1/10W	1.000
FB414	061V0805000	CHIP 0OHM 1/10W	1.000
FB416	061V0805000	CHIP 0OHM 1/10W	1.000
FB104	061V1206000	CHIP 0 OHM 1/8W	1.000
R210	061V1206000	CHIP 0 OHM 1/8W	1.000
FB101	061V1206000 4	0 OHM 4A 1/4W	1.000
FB117	061V1206000 4	0 OHM 4A 1/4W	1.000
R117	061V1206229	CHIP 2.2OHM 5% 1/8W	1.000
R118	061V1206229	CHIP 2.2OHM 5% 1/8W	1.000
R119	061V1206229	CHIP 2.2OHM 5% 1/8W	1.000
R120	061V1206229	CHIP 2.2OHM 5% 1/8W	1.000
C457	065T0603100 31	CHIP 10PF 50V NPO	1.000
C458	065T0603100 31	CHIP 10PF 50V NPO	1.000
C459	065T0603100 31	CHIP 10PF 50V NPO	1.000
C161	065T0603101 31	CHIP 100PF 50V NPO	1.000
C491	065T0603101 31	CHIP 100PF 50V NPO	1.000
C475	065T0603101 31	CHIP 100PF 50V NPO	1.000
C474	065T0603101 31	CHIP 100PF 50V NPO	1.000
C473	065T0603101 31	CHIP 100PF 50V NPO	1.000
C472	065T0603101 31	CHIP 100PF 50V NPO	1.000

C471	065T0603101 31	CHIP 100PF 50V NPO	1.000
C456	065T0603101 31	CHIP 100PF 50V NPO	1.000
C309	065T0603101 31	CHIP 100PF 50V NPO	1.000
C259	065T0603101 31	CHIP 100PF 50V NPO	1.000
C162	065T0603101 31	CHIP 100PF 50V NPO	1.000
C238	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C239	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C245	065T0603103 32	CHIP 0.01UF 50V X7R	1.000
C262	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C263	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C264	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C265	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C266	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C268	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C269	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C271	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C273	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C275	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C261	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C246	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C247	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C248	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C249	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C250	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C251	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C252	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C253	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C254	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C255	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C256	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C257	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C260	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C277	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C417	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C435	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C437	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C440	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C441	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C442	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000

C443	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C444	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C445	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C446	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C469	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C470	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C278	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C279	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C280	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C281	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C282	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C283	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C284	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C285	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C286	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C287	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C288	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C416	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C122	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C121	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C120	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C119	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C118	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C117	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C116	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C115	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C114	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C113	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C112	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C111	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C110	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C109	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C108	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C107	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C106	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C157	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C156	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C139	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C138	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000

C137	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C135	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C134	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C132	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C131	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C130	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C129	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C128	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C127	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C126	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C125	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C124	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C123	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C155	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C479	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C480	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C481	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C482	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C476	065T0603120 31	CHIP 12pF 50V NPO	1.000
C477	065T0603120 31	CHIP 12pF 50V NPO	1.000
C478	065T0603120 31	CHIP 12pF 50V NPO	1.000
C142	065T0603221 31	CHIP 220PF 50V NPO	1.000
C439	065T0603221 31	CHIP 220PF 50V NPO	1.000
C438	065T0603221 31	CHIP 220PF 50V NPO	1.000
C140	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C141	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C237	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C289	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C290	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C291	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C292	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C293	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C297	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C298	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C299	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C301	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C447	065T0603270 31	CHIP 27PF 50V NPO	1.000
C448	065T0603270 31	CHIP 27PF 50V NPO	1.000
C449	065T0603270 31	CHIP 27PF 50V NPO	1.000

C450	065T0603270 31	CHIP 27PF 50V NPO	1.000
C489	065T0603270 31	CHIP 27PF 50V NPO	1.000
C490	065T0603270 31	CHIP 27PF 50V NPO	1.000
C484	065T0603271 31	CHIP 270PF 50V NPO	1.000
C485	065T0603271 31	CHIP 270PF 50V NPO	1.000
C487	065T0603271 31	CHIP 270PF 50V NPO	1.000
C483	065T0603330 31	CHIP 33PF 50V NPO	1.000
C486	065T0603330 31	CHIP 33PF 50V NPO	1.000
C488	065T0603330 31	CHIP 33PF 50V NPO	1.000
C462	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C463	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C464	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C465	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C466	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C467	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C468	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C240	065T0603392 32	CHIP 3900PF 50V X7R	1.000
C203	065T0603470 31	CHIP 47PF 50V NPO	1.000
C204	065T0603470 31	CHIP 47PF 50V NPO	1.000
C205	065T0603470 31	CHIP 47PF 50V NPO	1.000
C206	065T0603470 31	CHIP 47PF 50V NPO	1.000
C319	065T0603470 31	CHIP 47PF 50V NPO	1.000
C318	065T0603470 31	CHIP 47PF 50V NPO	1.000
C317	065T0603470 31	CHIP 47PF 50V NPO	1.000
C258	065T0603470 31	CHIP 47PF 50V NPO	1.000
C214	065T0603470 31	CHIP 47PF 50V NPO	1.000
C213	065T0603470 31	CHIP 47PF 50V NPO	1.000
C212	065T0603470 31	CHIP 47PF 50V NPO	1.000
C211	065T0603470 31	CHIP 47PF 50V NPO	1.000
C210	065T0603470 31	CHIP 47PF 50V NPO	1.000
C209	065T0603470 31	CHIP 47PF 50V NPO	1.000
C208	065T0603470 31	CHIP 47PF 50V NPO	1.000
C207	065T0603470 31	CHIP 47PF 50V NPO	1.000
C202	065T0603470 31	CHIP 47PF 50V NPO	1.000
C201	065T0603470 31	CHIP 47PF 50V NPO	1.000
C308	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C307	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C306	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C305	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000

C304	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C303	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C302	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C296	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C295	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C216	065T0603509 31	CHIP 5PF 50V NPO	1.000
C215	065T0603509 31	CHIP 5PF 50V NPO	1.000
C244	065T0603682 32	CHIP 0.0068UF 50V X7R 0603	1.000
C158	065T0603683 32	CHIP 0.068UF 50V X7R	1.000
C217	065T0805155 A2	MLCC 0805 1.5UF K 10V X7R	1.000
C232	065T0805225 17	CHIP 2.2UF 16V Y5V	1.000
C233	065T0805225 17	CHIP 2.2UF 16V Y5V	1.000
CP401	065T602K220 8T	22PF +-10% 16V	1.000
CP402	065T602K220 8T	22PF +-10% 16V	1.000
CP403	065T602K220 8T	22PF +-10% 16V	1.000
CP404	065T602K220 8T	22PF +-10% 16V	1.000
CP405	065T602K220 8T	22PF +-10% 16V	1.000
CP406	065T602K220 8T	22PF +-10% 16V	1.000
C147	067T 312100 3	SMD EC 10UF 16V 85C B	1.000
FB105	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
FB209	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB203	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB202	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB201	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB114	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB113	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB217	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB216	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB215	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB214	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB213	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB211	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB210	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB218	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB219	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB220	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB221	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB404	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB405	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000

FB406	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB207	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB112	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB111	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB110	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB109	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB108	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB107	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB106	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
FB204	071T 56Z601	CHIP BEAD 600 OHM	1.000
FB205	071T 56Z601	CHIP BEAD 600 OHM	1.000
U406	087T 202 32 NY	IC SOCKET 32PIN PLCC	1.000
D401	093G 64 42 P	BAV70 SOT-23	1.000
D409	093T 6432P	LL4148 BY PANJIT	1.000
D410	093T 6432P	LL4148 BY PANJIT	1.000
D403	093T 6433P	BAV99	1.000
D404	093T 6433P	BAV99	1.000
D407	093T 6433P	BAV99	1.000
D406	093T 6433P	BAV99	1.000
D405	093T 6433P	BAV99	1.000
FB415	093T 39S 34 T	UDZS5.6B ROHM	1.000
ZD401	093T 39S 34 T	UDZS5.6B ROHM	1.000
ZD402	093T 39S 34 T	UDZS5.6B ROHM	1.000
ZD403	093T 39S 34 T	UDZS5.6B ROHM	1.000
ZD405	093T 39S 34 T	UDZS5.6B ROHM	1.000
ZD406	093T 39S 34 T	UDZS5.6B ROHM	1.000
D201	093T 64S51752T	BA792	1.000
	715T1802 1	MAIN BOARD PCB	1.000
Q1	057T 417 6	PMBS3906/PHILIPS-SMT	1.000
R01	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R08	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R07	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R09	061V0603821	CHIP 820 OHM 1/16W	1.000
C03	065T0603101 31	CHIP 100PF 50V NPO	1.000
C02	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C04	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C05	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C01	065T0603225 17	CHIP 2.2UF 16V Y5V	1.000
FB02	071T 56Z601	CHIP BEAD 600 OHM	1.000

FB03	071T 56Z601	CHIP BEAD 600 OHM	1.000
FB04	071T 56Z601	CHIP BEAD 600 OHM	1.000
D01	093T 6432S	IN4148W	1.000
D03	093T 6432S	IN4148W	1.000
D04	093T 39S 34 T	UDZS5.6B ROHM	1.000
D05	093T 39S 34 T	UDZS5.6B ROHM	1.000
	715T1817 1	IR BOARD PCB	1.000
CN01	033T8032 4C	WAFER 1.25MM SMT 4P	1.000
R03	061L0603180 0F	RES 180R 1/10W 1% SMT 0603	1.000
R04	061L0603240 0F	CHIPR 240 OHM 1/10W	1.000
R06	061L0603470 0F	470 OHM 1% 1/10W	1.000
R09	061L0603680 0F	RST SM 0603 RC22H 680R PM1 R	1.000
R02	061V0603150 0F	CHIP 150 OHM 1/16W 1%	1.000
R05	061V0603330 0F	RST CHIPR 330 OHM +-1% 1/10W	1.000
C828	065T0603101 31	CHIP 100PF 50V NPO	1.000
SW01	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
SW02	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
SW03	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
SW04	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
SW05	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
SW06	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
SW07	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
ZD01	093T 39S 34 T	UDZS5.6B ROHM	1.000
	715T1822 1	KEY BOARD PCB	1.000
R914	061G152M33858F	0.33 OHM 5% 2W	1.000
	096G 29 6	SHRINK TUBE UL/CSA	15.000
Q901	057T 724 11	STP9NK65ZFP	1.000
BD901	093T 50460 16	U4KB80R	1.000
	0M1T1730 8128	SCREW M3x8	2.000
R903	061T152M10458F	100K OHM 5%2W	1.000
D910	093T 60252	SP20150	1.000
D911	093T 60252	SP20150	1.000
	0M1T1730 8128	SCREW M3x8	2.000
IC905	056T 379 37	FP5001DR-LR	1.000
IC901	056T 379 52	LD7552BS	1.000
IC801	056T 608 7	OZT1060GN SOIC-20	1.000
Q904	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q803	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q905	057T 417 6	PMBS3906/PHILIPS-SMT	1.000

Q812	057T 600 61	AM4502C-T1-PF S0-8	1.000
Q811	057T 600 61	AM4502C-T1-PF S0-8	1.000
Q805	057T 600 61	AM4502C-T1-PF S0-8	1.000
Q801	057T 600 61	AM4502C-T1-PF S0-8	1.000
Q813	057T 759 2	RK7002	1.000
Q809	057T 759 2	RK7002	1.000
Q808	057T 759 2	RK7002	1.000
Q802	057T 760 4	DTA144WKA BY ROHM SMT	1.000
Q903	057T 760 5	DTC144WKA BY FOHM SMT	1.000
Q804	057T 760 5	DTC144WKA BY FOHM SMT	1.000
Q906	057T 763 7	AOD405L	1.000
R867	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R805	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R810	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R818	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R838	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R845	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R928	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R930	061V0603102	CHIPR 1K OHM+-5% 1/10W	1.000
R804	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R803	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R806	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R835	061V0603105	CHIP 1MOHM 1/16W	1.000
R833	061V0603124	CHIP 120K OHM 1/16W	1.000
R847	061V0603205	CHIPR 2MOHM +-5% 1/10W	1.000
R814	061V0603205	CHIPR 2MOHM +-5% 1/10W	1.000
R827	061V0603220	CHIPR 22 OHM+-5% 1/10W	1.000
R813	061V0603220	CHIPR 22 OHM+-5% 1/10W	1.000
R823	061V0603224	CHIP 220K OHM 1/16W	1.000
R850	061V0603224	CHIP 220K OHM 1/16W	1.000
R801	061V0603242	CHIP 2.4K OHM +-5% 1/10W	1.000
R840	061V0603244	CHIP 240KOHM 1/16W	1.000
R821	061V0603270 2F	27K 1/8W 1%	1.000
R837	061V0603274	CHIP 270K OHM 1/16W	1.000
R934	061V0603300 1F	CHIP 3KOHM 1/16W 1%	1.000
R832	061V0603333	CHIP 33K OHM 1/10W	1.000
R932	061V0603333	CHIP 33K OHM 1/10W	1.000
R937	061V0603360 1F	CHIP 3.6KOHM 1% 1/10W	1.000
R826	061V0603393	CHIP 39K OHM 1/16W	1.000

R839	061V0603394	RST CHIPR 390KOHM +-5% 1/10W	1.000
R933	061V0603473	CHIP 47K OHM 1/16W	1.000
R836	061V0603513	CHIP 51K OHM	1.000
R834	061V0603513	CHIP 51K OHM	1.000
R822	061V0603912	CHIP 9.1K OHM 1/16W	1.000
C929	061V0805000	CHIP 0OHM 1/10W	1.000
R931	061V0805000	CHIP 0OHM 1/10W	1.000
R911	061V0805100 3F	CHIP 100KOHM +-1% 1/8W	1.000
R917	061V0805100 3F	CHIP 100KOHM +-1% 1/8W	1.000
R861	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R862	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R863	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R864	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R865	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R866	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R922	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R925	061V0805102	CHIPR 1K OHM +-5% 1/8W	1.000
R912	061V0805103	CHIP 10K OHM 1/10W	1.000
R936	061V0805153	CHIPR 15K OHM+-5% 1/8W	1.000
R913	061V0805203	CHIPR 20KOHM +-5% 1/8W	1.000
R846	061V0805204	200K OHM 1/8W	1.000
R812	061V0805204	200K OHM 1/8W	1.000
R923	061V0805222	CHIP 2.2KOHM 5% 0805 1/8W	1.000
R915	061V0805240 0F	240 OHM +-1% 1/8W	1.000
R927	061V0805240 1F	2.4K OHM 1/8W 1%	1.000
R935	061V0805272	CHIP 2.7K OHM 1/8W	1.000
R830	061V0805430 0F	RST CHIPR 430OHM +-1% 1/8W	1.000
R852	061V0805430 0F	RST CHIPR 430OHM +-1% 1/8W	1.000
R829	061V0805472	CHIRP 4.7K OHM +-5% 1/8W	1.000
R851	061V0805472	CHIRP 4.7K OHM +-5% 1/8W	1.000
R916	061V0805750 2F	CHIP 75KOHM 1% 1/8W	1.000
R926	061V0805931 1F	CHIP 9.31K OHM 1/8W 1%	1.000
JR807	061V1206000	CHIP 0 OHM 1/8W	1.000
JR805	061V1206000	CHIP 0 OHM 1/8W	1.000
JR804	061V1206000	CHIP 0 OHM 1/8W	1.000
JR803	061V1206000	CHIP 0 OHM 1/8W	1.000
JR802	061V1206000	CHIP 0 OHM 1/8W	1.000
JR801	061V1206000	CHIP 0 OHM 1/8W	1.000
D904	061V1206000	CHIP 0 OHM 1/8W	1.000

R909	061V1206100	CHIP 10 OHM 1/8W	1.000
R815	061V1206100	CHIP 10 OHM 1/8W	1.000
R811	061V1206104	CHIP 100K OHM 1/8W 5%	1.000
R844	061V1206104	CHIP 100K OHM 1/8W 5%	1.000
R854	061V1206104	CHIP 100K OHM 1/8W 5%	1.000
R855	061V1206104	CHIP 100K OHM 1/8W 5%	1.000
JR901	061V1206105	CHIP 1MOHM 5% 1/4W	1.000
R904	061V1206105	CHIP 1MOHM 5% 1/4W	1.000
R905	061V1206105	CHIP 1MOHM 5% 1/4W	1.000
R906	061V1206105	CHIP 1MOHM 5% 1/4W	1.000
R809	061V1206204	CHIP 200KOHM 1/4W	1.000
R817	061V1206204	CHIP 200KOHM 1/4W	1.000
R843	061V1206204	CHIP 200KOHM 1/4W	1.000
R849	061V1206204	CHIP 200KOHM 1/4W	1.000
R910	061V1206221	CHIP 220 OHM 5% 1/8W	1.000
R921	061V1206301	CHIP 300 OHM 5% 1/8W	1.000
R908	061V1206339	CHIP 3.3OHM 1/4W	1.000
R920	061V1206470	CHIP 47OHM 5% 1/4W	1.000
R919	061V1206470	CHIP 47OHM 5% 1/4W	1.000
R802	061V1206471	CHIP 470OHM 1/8W	1.000
R902	061V1206684	RST CHIPR 680KOHM +-5% 1/4W	1.000
R901	061V1206684	RST CHIPR 680KOHM +-5% 1/4W	1.000
R900	061V1206684	RST CHIPR 680KOHM +-5% 1/4W	1.000
R841	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R816	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R808	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R807	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R842	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R848	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R853	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R859	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R860	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R856	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R857	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
R858	061V1206754	CHIP 750KOHM 5% 1/4W	1.000
C932	065T0603104 32	CHIP 0.1UF 50V X7R	1.000
C814	065T0603104 32	CHIP 0.1UF 50V X7R	1.000
C826	065T0603104 32	CHIP 0.1UF 50V X7R	1.000
C839	065T0603104 32	CHIP 0.1UF 50V X7R	1.000

C813	065T0603105 12	CHIP 1UF 16V X7R	1.000
C815	065T0603105 12	CHIP 1UF 16V X7R	1.000
C818	065T0603105 12	CHIP 1UF 16V X7R	1.000
C842	065T0603105 12	CHIP 1UF 16V X7R	1.000
C825	065T0603105 12	CHIP 1UF 16V X7R	1.000
C821	065T0603221 31	CHIP 220PF 50V NPO	1.000
C810	065T0603223 32	CHIP 0.022UF 50V X7R 0603	1.000
C841	065T0603223 32	CHIP 0.022UF 50V X7R 0603	1.000
C816	065T0603224 22	CHIP CAP 0.22UF 25V X7	1.000
C824	065T0603472 32	CHIP 4700PF 50V X7R	1.000
C817	065T0603473 32	CHIP 0.047UF 50V X7R	1.000
C828	065T0603473 32	CHIP 0.047UF 50V X7R	1.000
C819	065T0603474 27	CHIP 0.47UF 25V Y5V	1.000
C811	065T0603562 32	CHIP 5600PF 50V X7R	1.000
C840	065T0603562 32	CHIP 5600PF 50V X7R	1.000
C829	065T0603682 32	CHIP 0.0068UF 50V X7R 0603	1.000
C823	065T0805101 32	100PF +-10% 50V X7R	1.000
C844	065T0805101 32	100PF +-10% 50V X7R	1.000
C925	065T0805103 22 GP	CHIP 0.01UF 25V X7R 0805	1.000
C941	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C939	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C928	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C924	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C918	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C917	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C908	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C843	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C837	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C812	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C805	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C912	065T0805105 22	CHIP 1UF 25V X7R 0805	1.000
C909	065T0805201 32	CHIP 200PF 50V MPO 0805	1.000
C822	065T0805225 12	CHIP 2.2UF 16V X7R 0805	1.000
C827	065T0805471 32	470PF 50X X7R	1.000
C845	065T0805471 32	470PF 50X X7R	1.000
C913	065T1206102 72	CHIP 1000PF 500V X7R	1.000
C806	065T1206475 22	4.7U/25V X7R	1.000
C807	065T1206475 22	4.7U/25V X7R	1.000
C809	065T1206475 22	4.7U/25V X7R	1.000

C831	065T1206475 22	4.7U/25V X7R	1.000
C833	065T1206475 22	4.7U/25V X7R	1.000
C838	065T1206475 22	4.7U/25V X7R	1.000
D915	093T 60264	B340A D0-214AC	1.000
D912	093T 60264	B340A D0-214AC	1.000
D913	093T 6432S	IN4148W	1.000
D906	093T 6432S	IN4148W	1.000
D818	093T 6432S	IN4148W	1.000
D815	093T 6432S	IN4148W	1.000
D808	093T 6432S	IN4148W	1.000
D805	093T 6432S	IN4148W	1.000
D820	093T 6433P	BAV99	1.000
D812	093T 6433P	BAV99	1.000
D810	093T 6433P	BAV99	1.000
D803	093T 6433P	BAV99	1.000
ZD903	093T 39S 10 T	RLZ6.8B LLDS	1.000
ZD902	093T 39S 15 T	RLZ15B	1.000
ZD803	093T 39S 24 T	RLZ 5.6B LLDS	1.000
ZD802	093T 39S 24 T	RLZ 5.6B LLDS	1.000
ZD801	093T 39S 24 T	RLZ 5.6B LLDS	1.000
	AIPW2062MEF1P	POWER BOARD	1.000
U601	056T 535 3	TDA7266D	1.000
Q603	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q602	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q601	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
R202	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
C209	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
C210	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
C211	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
C212	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R201	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R204	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R205	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R207	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R206	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R603	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R601	061V0603100	CHIP 10 OHM 1/16W	1.000
R602	061V0603100	CHIP 10 OHM 1/16W	1.000
R219	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000

R220	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R221	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R222	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R225	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R226	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R216	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R215	061V0603101	CHIPR 100 OHM+-5% 1/10W	1.000
R658	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R664	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R660	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R654	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R605	061V0603103	CHIPR 10K OHM+-5% 1/10W	1.000
R647	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R646	061V0603104	CHIPR 100K OHM+-5% 1/10W	1.000
R606	061V0603220	CHIPR 22 OHM+-5% 1/10W	1.000
R609	061V0603223	CHIP 22KOHM 1/16W	1.000
R608	061V0603333	CHIP 33K OHM 1/10W	1.000
R607	061V0603392	CHIP 3.9K OHM 1/16W	1.000
R610	061V0603470	CHIP 47OHM 1/16W 1%	1.000
R224	061V0603471	CHIPR 470 OHM+-5% 1/16W	1.000
R223	061V0603471	CHIPR 470 OHM+-5% 1/16W	1.000
R218	061V0603471	CHIPR 470 OHM+-5% 1/16W	1.000
R217	061V0603471	CHIPR 470 OHM+-5% 1/16W	1.000
R652	061V0603473	CHIP 47K OHM 1/16W	1.000
R650	061V0603473	CHIP 47K OHM 1/16W	1.000
R209	061V0603750	CHIP 75OHM 1/16W	1.000
R210	061V0603750	CHIP 75OHM 1/16W	1.000
R211	061V0603750	CHIP 75OHM 1/16W	1.000
R213	061V0603750	CHIP 75OHM 1/16W	1.000
R212	061V0603750	CHIP 75OHM 1/16W	1.000
R208	061V0603750	CHIP 75OHM 1/16W	1.000
C609	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C611	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C677	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C667	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C604	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C669	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C668	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C612	065T0603105 17	CHIP 1UF 16V Y5V	1.000

C610	065T0603105 17	CHIP 1UF 16V Y5V	1.000
C232	065T0603221 31	CHIP 220PF 50V NPO	1.000
C204	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C228	065T0603331 31	CHIP 330PF 50V NPO	1.000
C217	065T0603331 31	CHIP 330PF 50V NPO	1.000
C207	065T0603331 31	CHIP 330PF 50V NPO	1.000
C206	065T0603331 31	CHIP 330PF 50V NPO	1.000
C203	065T0603331 31	CHIP 330PF 50V NPO	1.000
C202	065T0603331 31	CHIP 330PF 50V NPO	1.000
C230	065T0603331 31	CHIP 330PF 50V NPO	1.000
C229	065T0603331 31	CHIP 330PF 50V NPO	1.000
C231	065T0603331 31	CHIP 330PF 50V NPO	1.000
C235	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C234	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C233	065T0603333 32	CHIP 0.033UF 50V X7R	1.000
C227	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C226	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C225	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C220	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C221	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C222	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C223	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C224	065T0603334 17	CHIP 0.33UF 16V Y5V	1.000
C238	065T0603472 32	CHIP 4700PF 50V X7R	1.000
C237	065T0603472 32	CHIP 4700PF 50V X7R	1.000
C236	065T0603472 32	CHIP 4700PF 50V X7R	1.000
C205	065T0603683 12	CHIP 0.68UF 16V X7R	1.000
L206	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L203	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L202	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L201	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L213	071T 59B121 K	CHIP BEAD	1.000
L212	071T 59B121 K	CHIP BEAD	1.000
L210	071T 59B121 K	CHIP BEAD	1.000
L209	071T 59B121 K	CHIP BEAD	1.000
L208	071T 59B121 K	CHIP BEAD	1.000
L207	071T 59B121 K	CHIP BEAD	1.000
D406	093T 6433P	BAV99	1.000
ZD408	093T 39S582 PH	ZENER DIODE BZX284-C33 PHILIPS	1.000

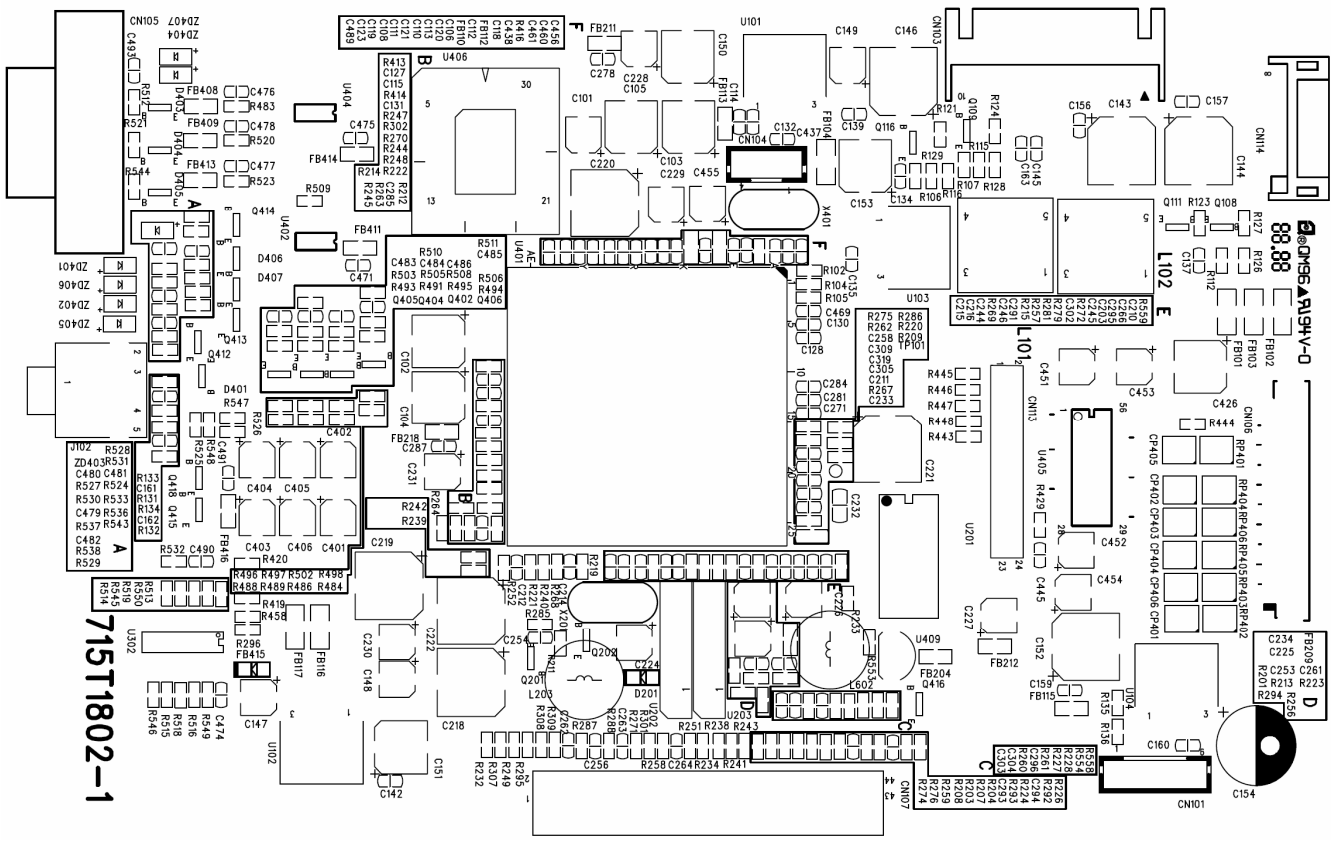
D405	093T 39S582 PH	ZENER DIODE BZX284-C33 PHILIPS	1.000
	715T1747 1	TUNER BOARD PCB	1.000
FB3	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
FB4	061V0603000	CHIPR 0OHM +-5% 1/10W	1.000
R1	061V0603391	CHIP 390 OHM 1/16W	1.000
R2	061V0603391	CHIP 390 OHM 1/16W	1.000
C1	065T0603225 17	CHIP 2.2UF 16V Y5V	1.000
C2	065T0603225 17	CHIP 2.2UF 16V Y5V	1.000
FB2	071T 56U601	BEAD 600 OHM	1.000
FB1	071T 56U601	BEAD 600 OHM	1.000
	715T1381 2	PCB AUDIO	1.000
CN902	006T 31500	EYELET	2.000
CN904	006T 31500	EYELET	2.000
CN901	006T 31500	EYELET	2.000
C905	006T 31502	1.5MM RIVET	2.000
T801	006T 31502	1.5MM RIVET	2.000
T802	006T 31502	1.5MM RIVET	2.000
T901	006T 31502	1.5MM RIVET	4.000
IC903	056T 158 10 T	IC AZ431AZ-AE1 TO-92 AAC	1.000
IC904	056T 158 10 T	IC AZ431AZ-AE1 TO-92 AAC	1.000
C906	065T 1K152 1T	1.5NF/1KV Z5F+-10%	1.000
C922	067T 2152207NT GP	LOW ESR 22UF+-20% 50V BY CHEMI	1.000
FB902	071T 55 29	BEAD	1.000
J903	071T 55 29	BEAD	1.000
F901	084T 56 1	FUSE 2A 250V WICKMANN	1.000
D816	093T 521ZJ26T	SB240	1.000
D814	093T 521ZJ26T	SB240	1.000
D813	093T 521ZJ26T	SB240	1.000
D811	093T 521ZJ26T	SB240	1.000
D806	093T 521ZJ26T	SB240	1.000
D804	093T 521ZJ26T	SB240	1.000
D802	093T 521ZJ26T	SB240	1.000
D801	093T 521ZJ26T	SB240	1.000
D902	093T 6038P52T	PS102R	1.000
J904	095T 90 23	TIN COATED	1.000
J902	095T 90 23	TIN COATED	1.000
J901	095T 90 23	TIN COATED	1.000
J828	095T 90 23	TIN COATED	1.000
J826	095T 90 23	TIN COATED	1.000

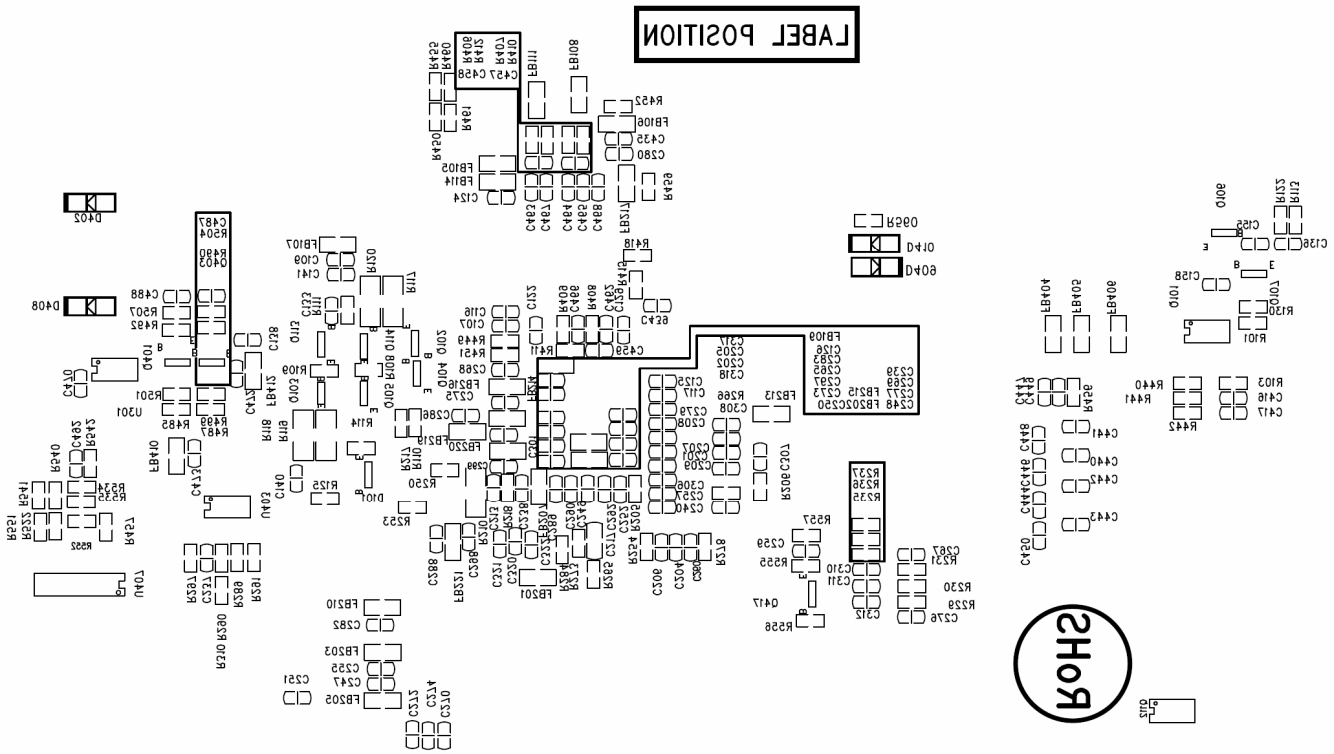
J825	095T 90 23	TIN COATED	1.000
J824	095T 90 23	TIN COATED	1.000
J823	095T 90 23	TIN COATED	1.000
J821	095T 90 23	TIN COATED	1.000
J820	095T 90 23	TIN COATED	1.000
J819	095T 90 23	TIN COATED	1.000
J817	095T 90 23	TIN COATED	1.000
J816	095T 90 23	TIN COATED	1.000
JP801	095T 90 23	TIN COATED	1.000
R907	095T 90 23	TIN COATED	1.000
R929	095T 90 23	TIN COATED	1.000
J916	095T 90 23	TIN COATED	1.000
J914	095T 90 23	TIN COATED	1.000
J913	095T 90 23	TIN COATED	1.000
J911	095T 90 23	TIN COATED	1.000
J910	095T 90 23	TIN COATED	1.000
J909	095T 90 23	TIN COATED	1.000
J908	095T 90 23	TIN COATED	1.000
J907	095T 90 23	TIN COATED	1.000
J906	095T 90 23	TIN COATED	1.000
J905	095T 90 23	TIN COATED	1.000
J815	095T 90 23	TIN COATED	1.000
J801	095T 90 23	TIN COATED	1.000
J802	095T 90 23	TIN COATED	1.000
J803	095T 90 23	TIN COATED	1.000
J804	095T 90 23	TIN COATED	1.000
J805	095T 90 23	TIN COATED	1.000
J806	095T 90 23	TIN COATED	1.000
J807	095T 90 23	TIN COATED	1.000
J808	095T 90 23	TIN COATED	1.000
J809	095T 90 23	TIN COATED	1.000
J810	095T 90 23	TIN COATED	1.000
J811	095T 90 23	TIN COATED	1.000
J812	095T 90 23	TIN COATED	1.000
J813	095T 90 23	TIN COATED	1.000
J814	095T 90 23	TIN COATED	1.000
	715T1811 2	POWER BOARD PCB	1.000

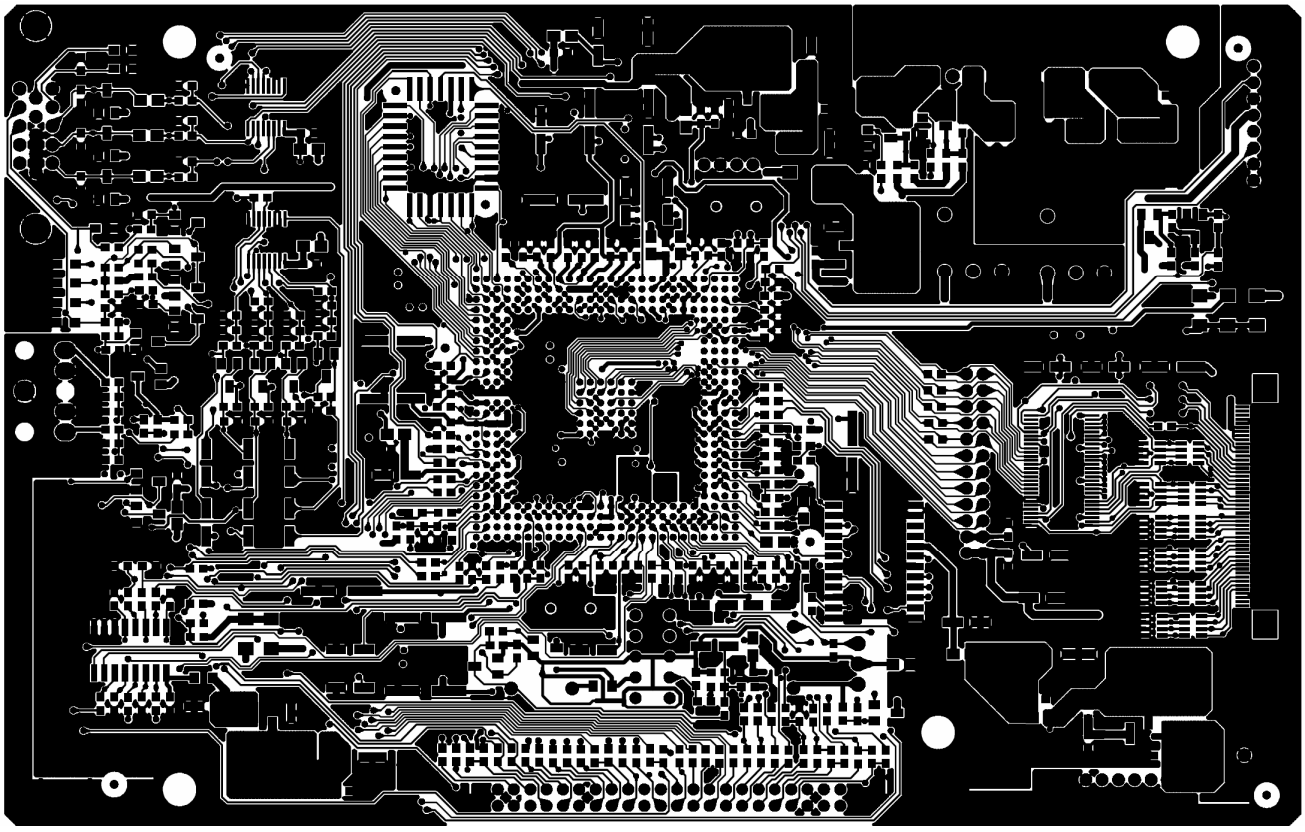
10. PCB Layout

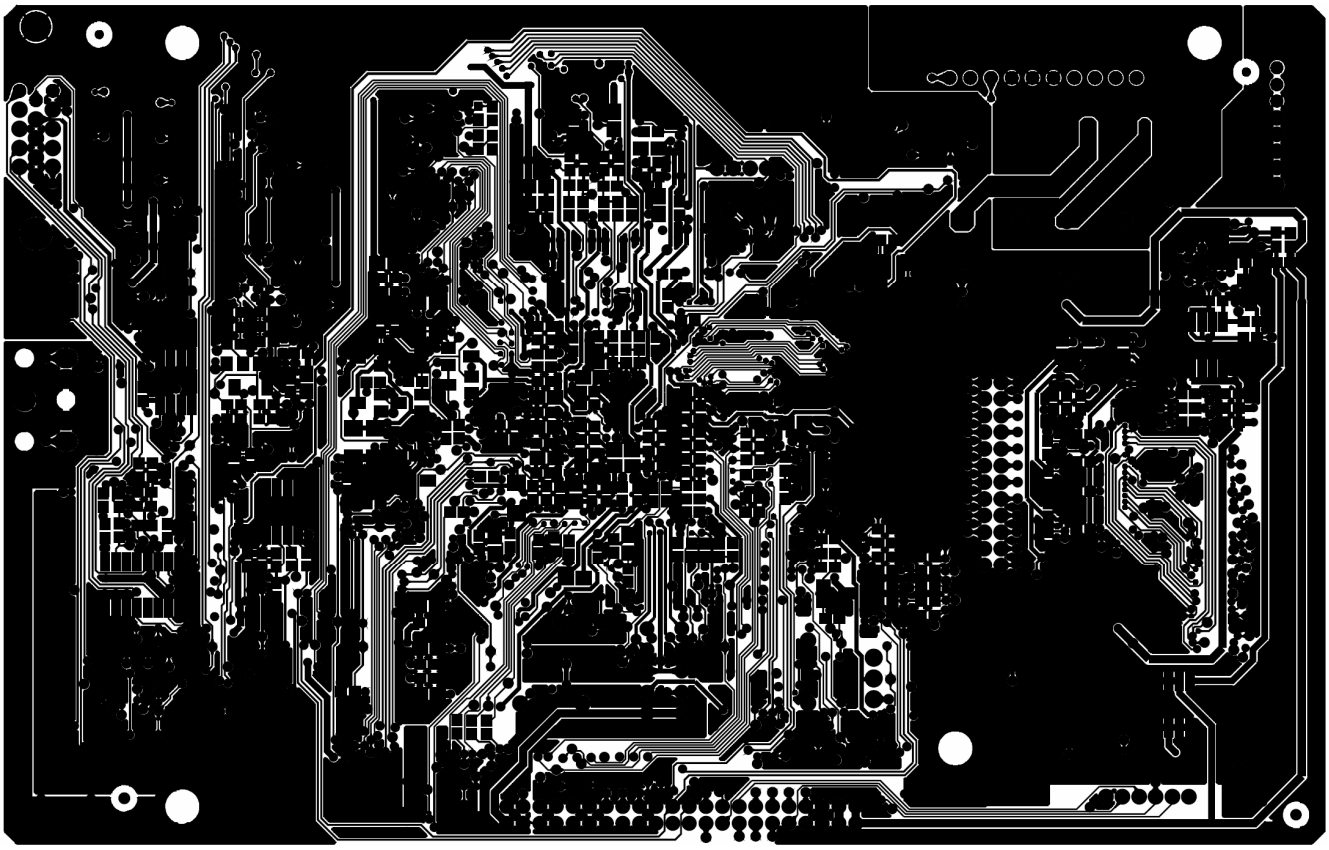
10.1 Main Board

715T1802-1



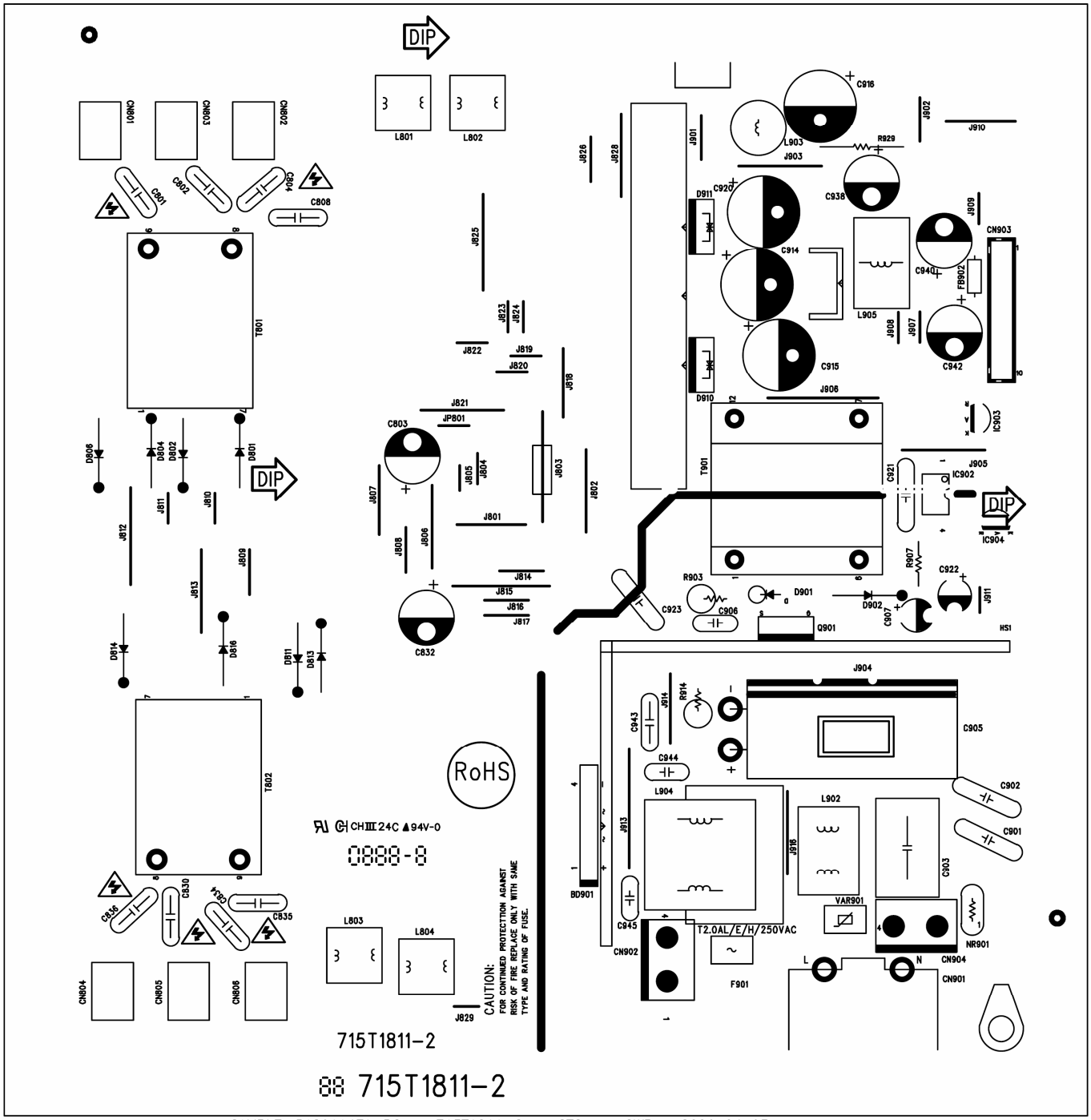


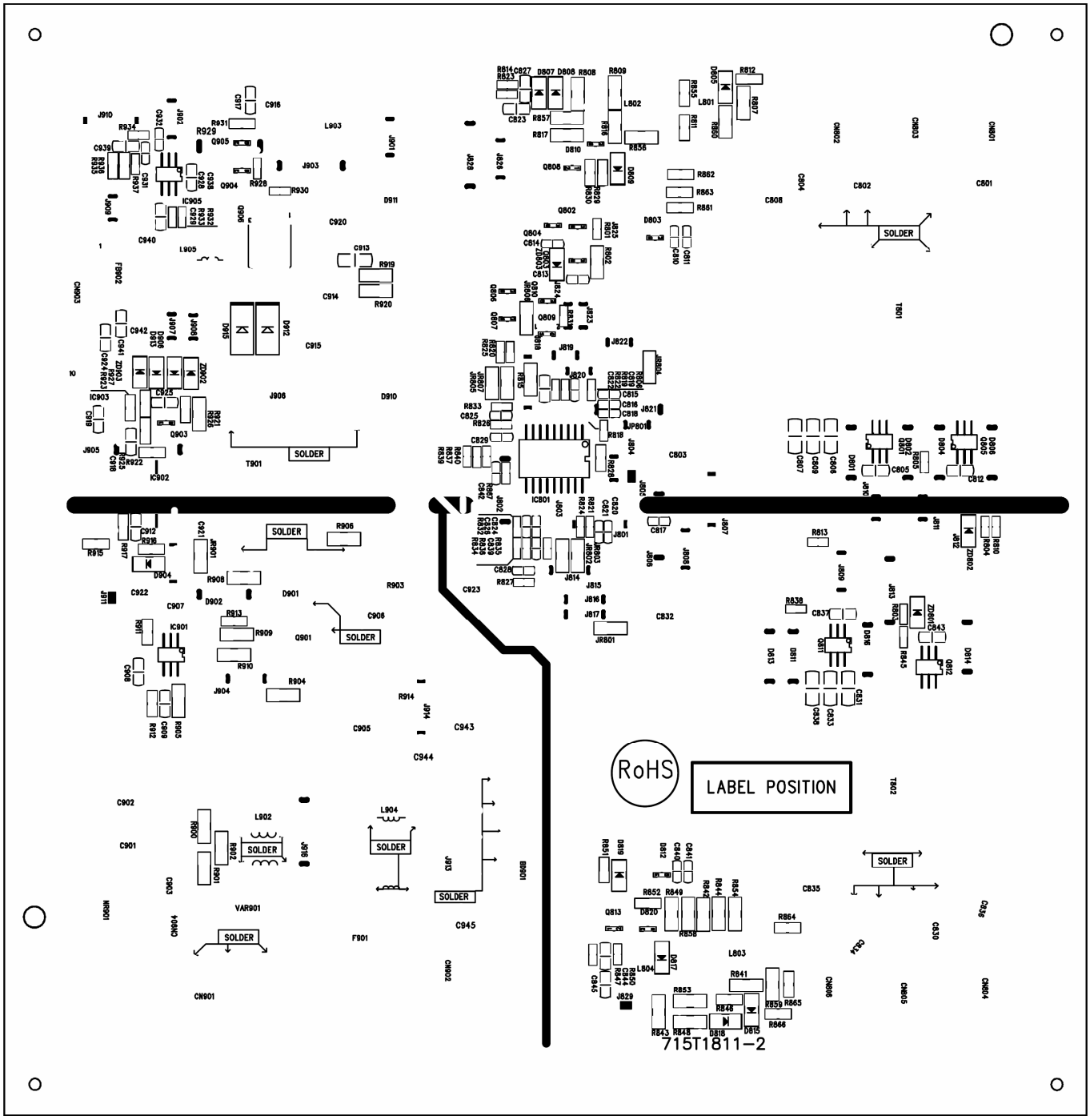


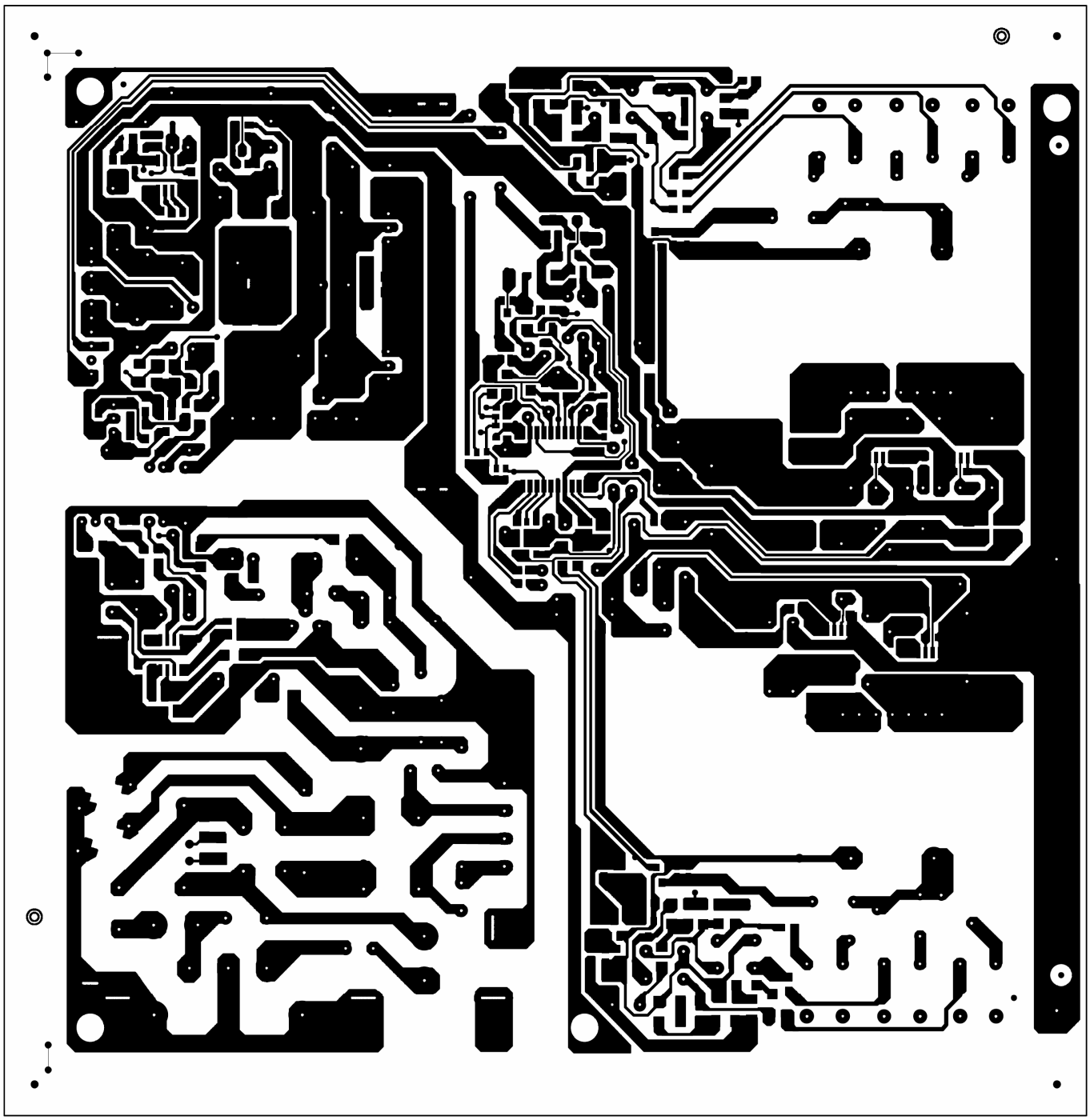


10.2 Power Board

715T1811-2

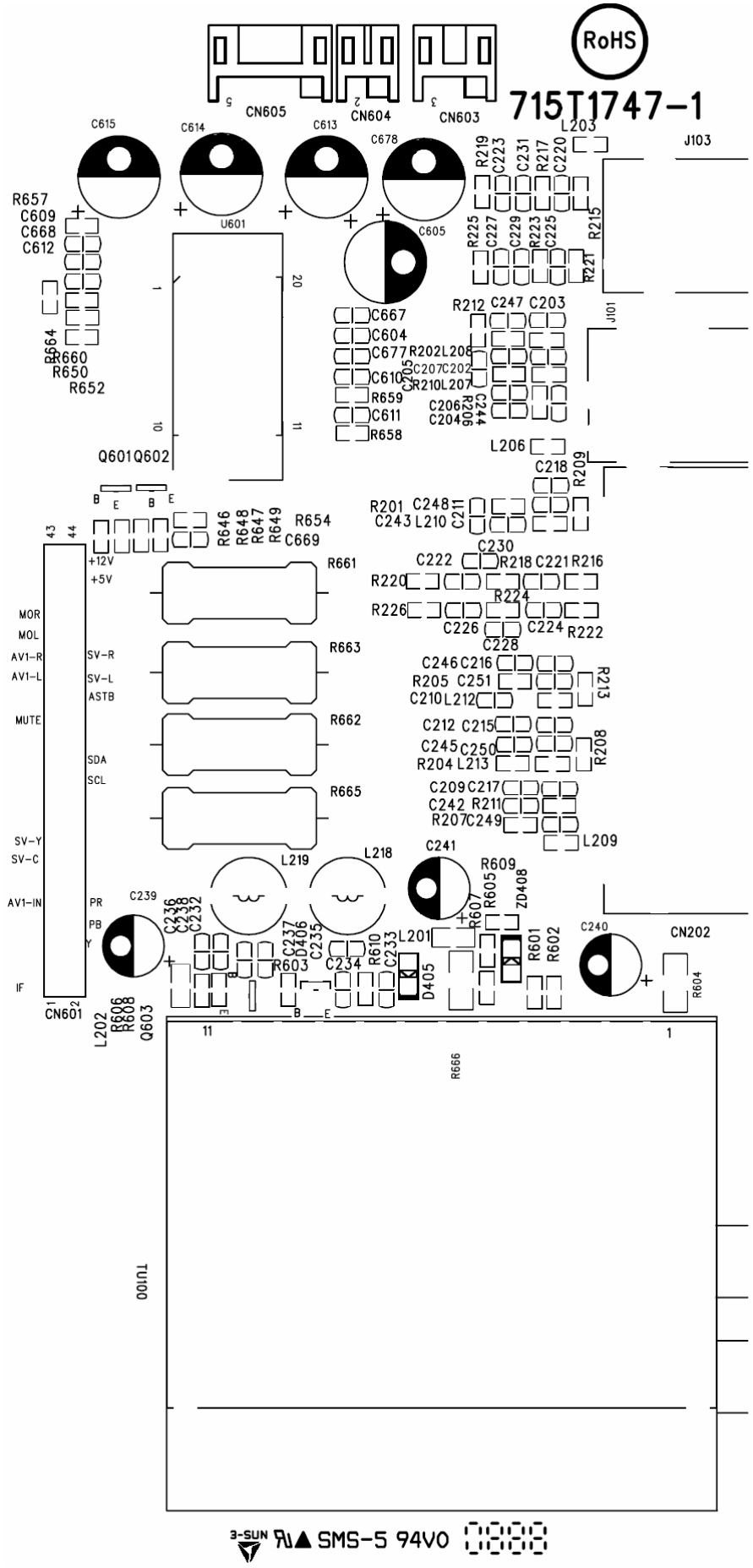


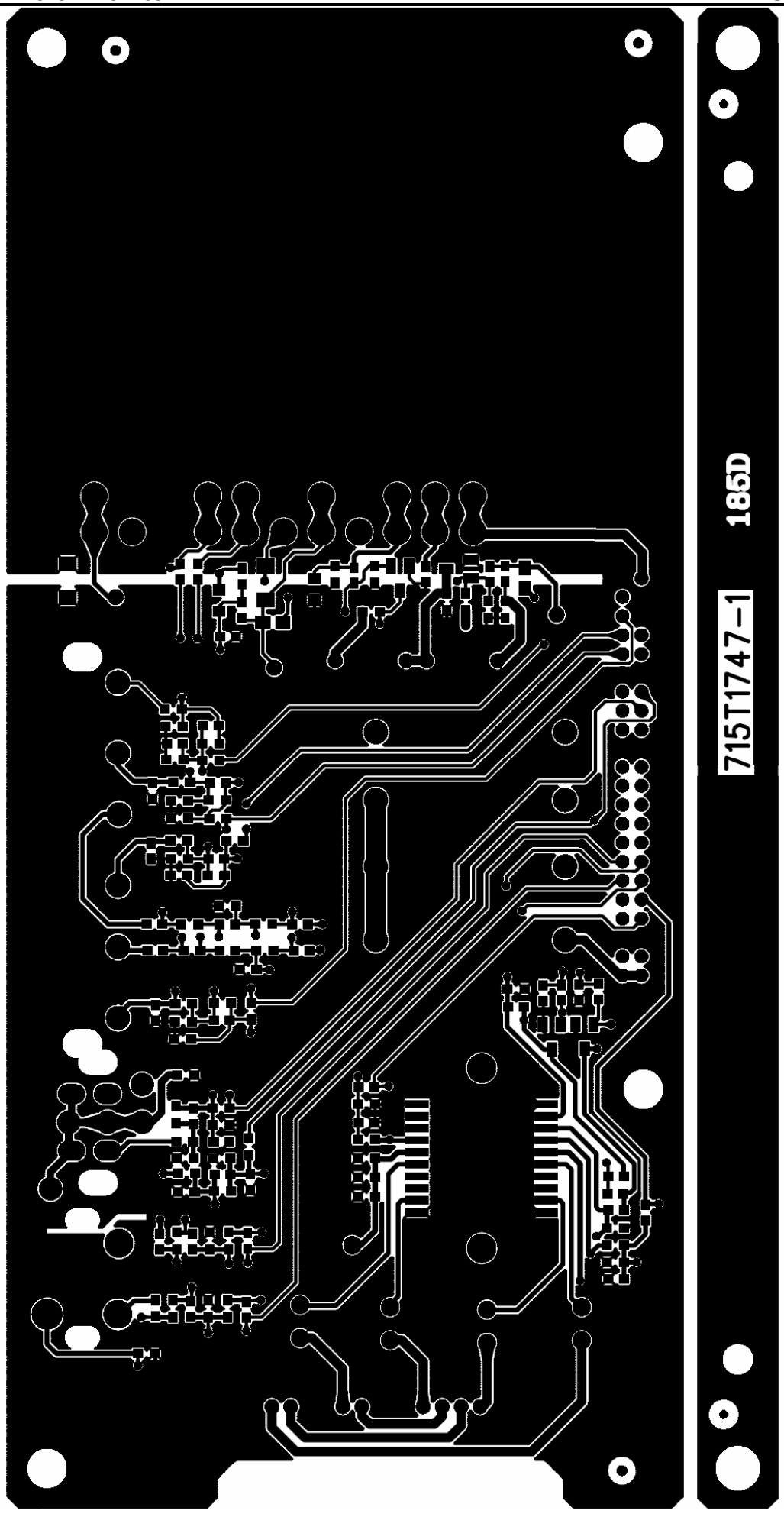

SOLDER
RoHS
LABEL POSITION
715T1811-2

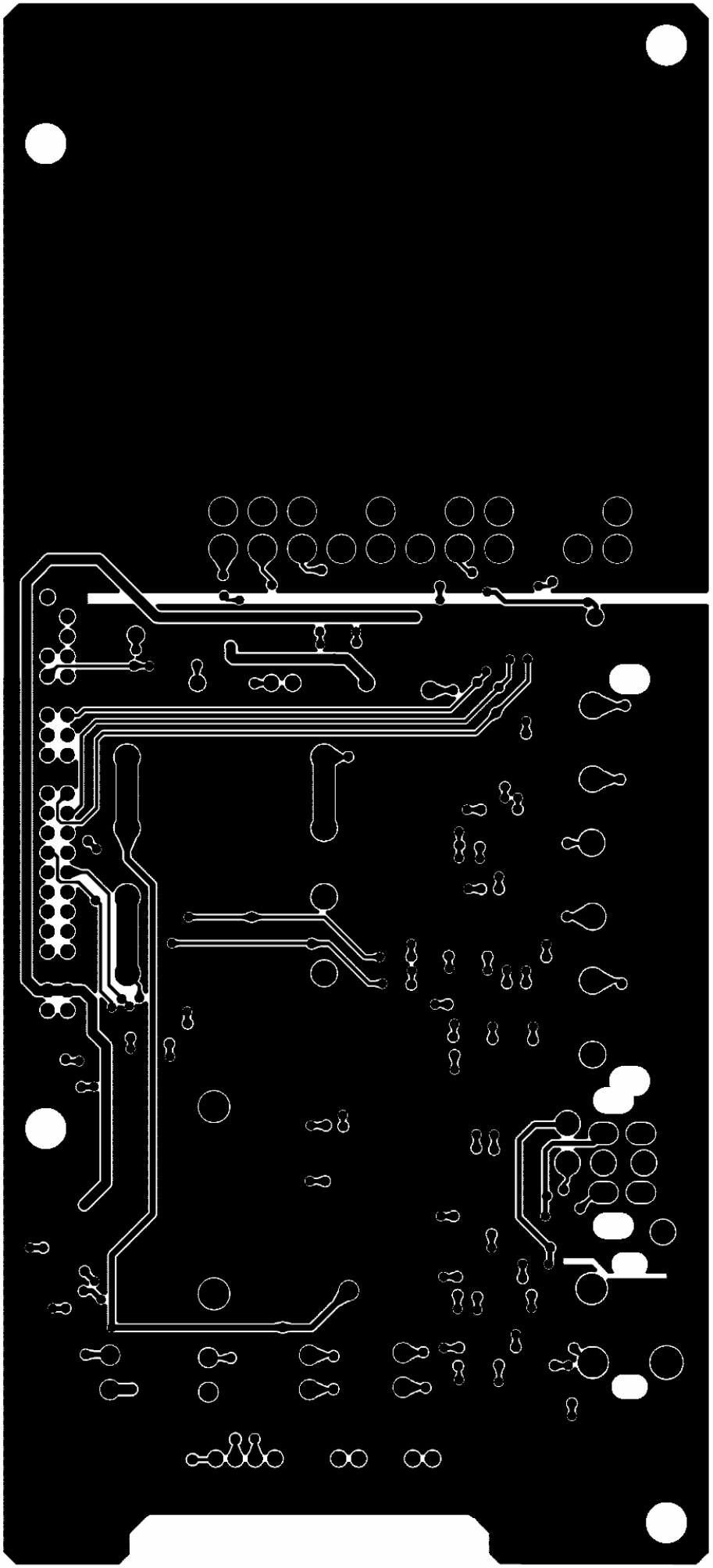


10.3 Tuner Board

715T1747-1

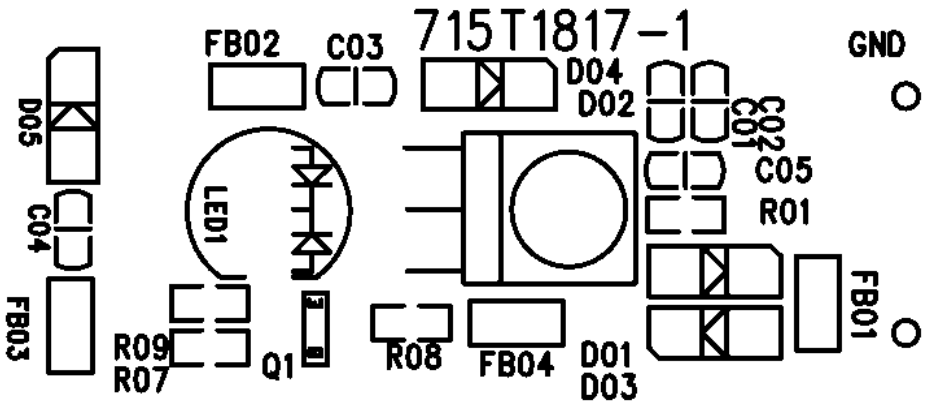


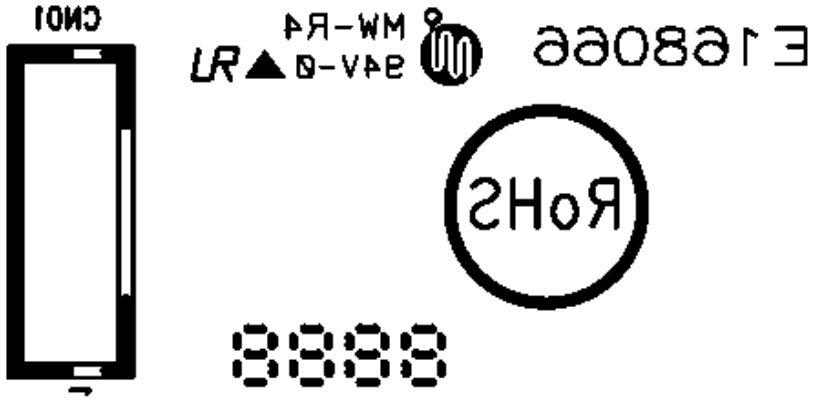

715T1747-1
185D

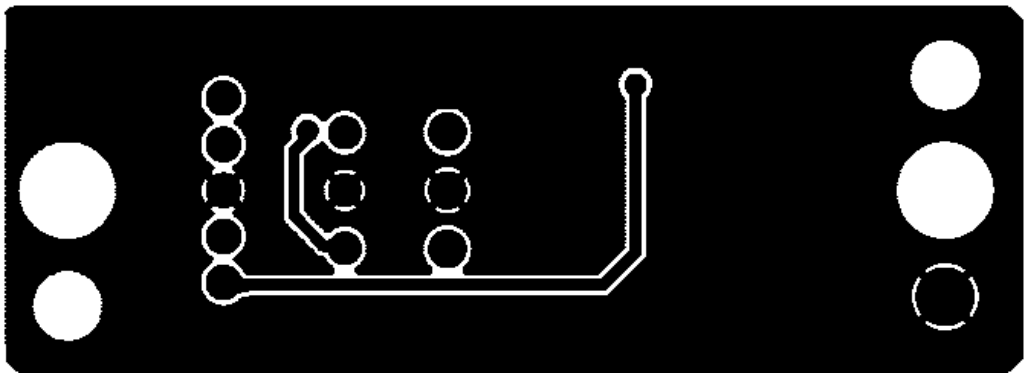


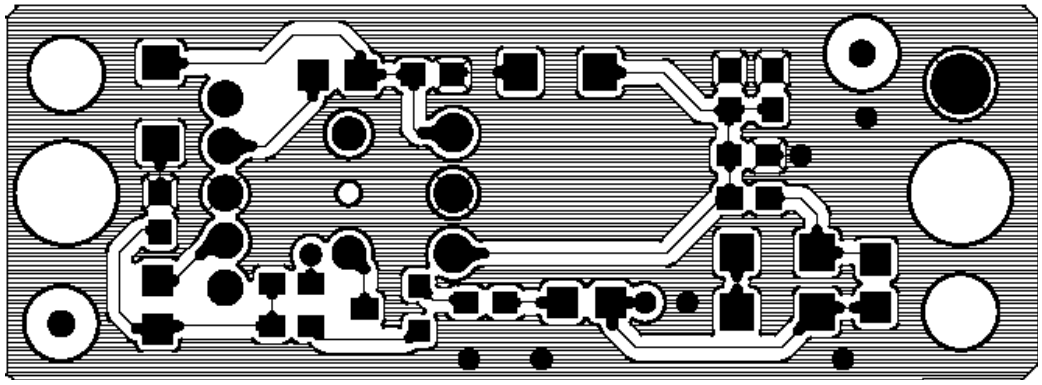
10.4 IR Board

715T1817- 1



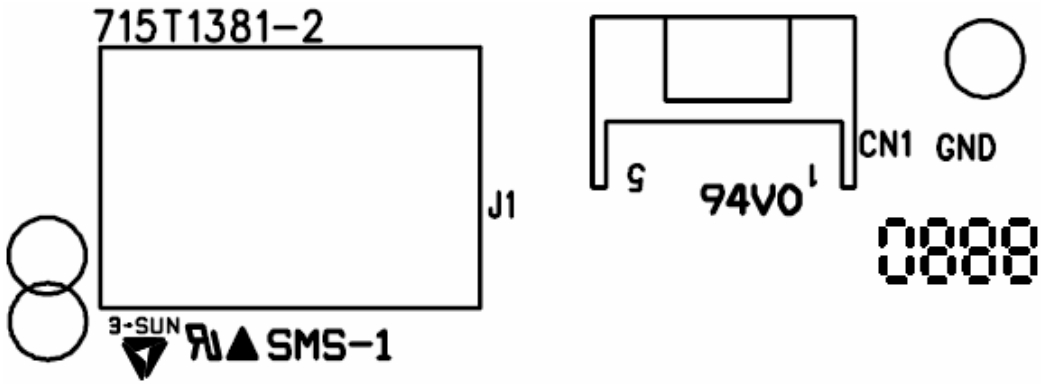


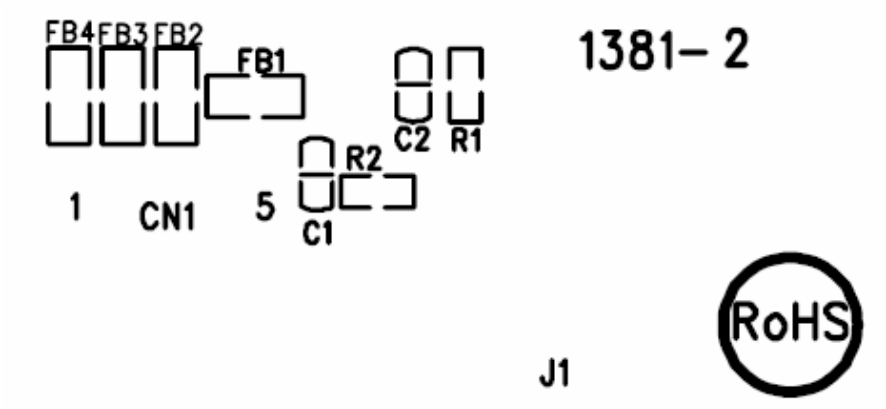


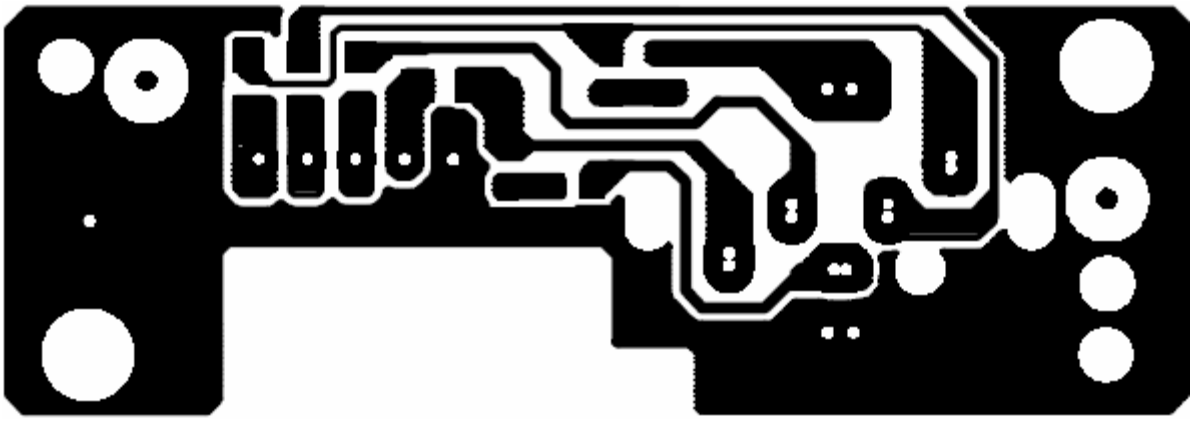


10.5 Headphone Board

715T1381-2

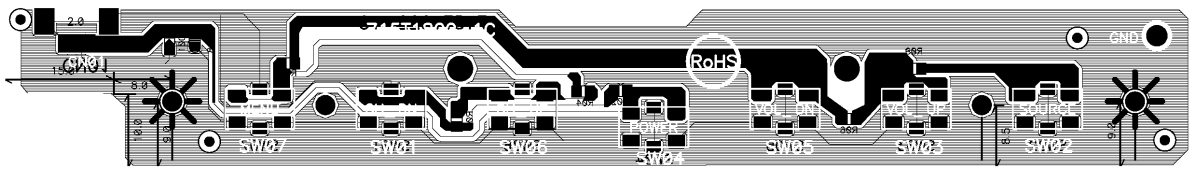




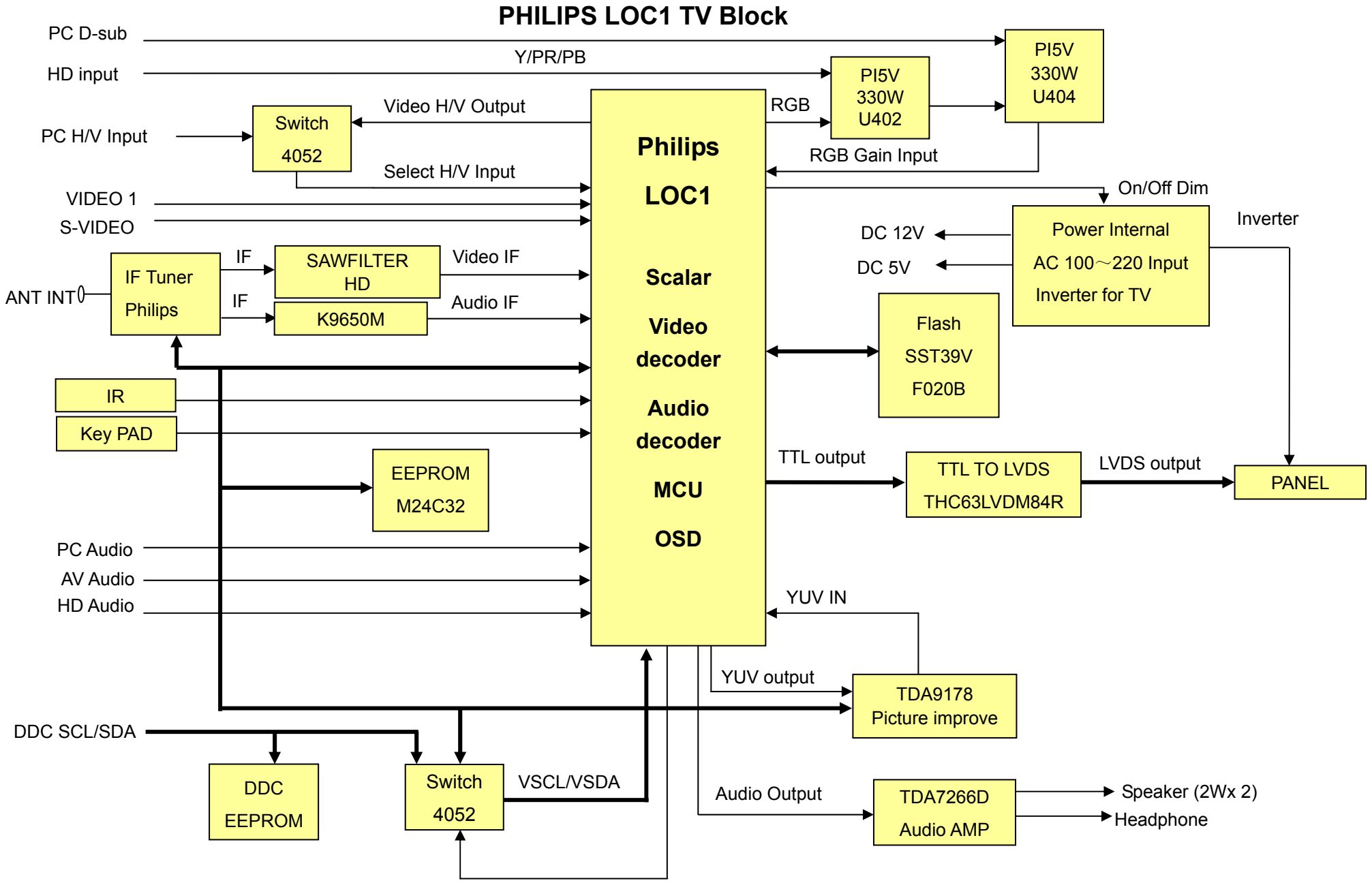


10.6 Key Board

715T1822-1C



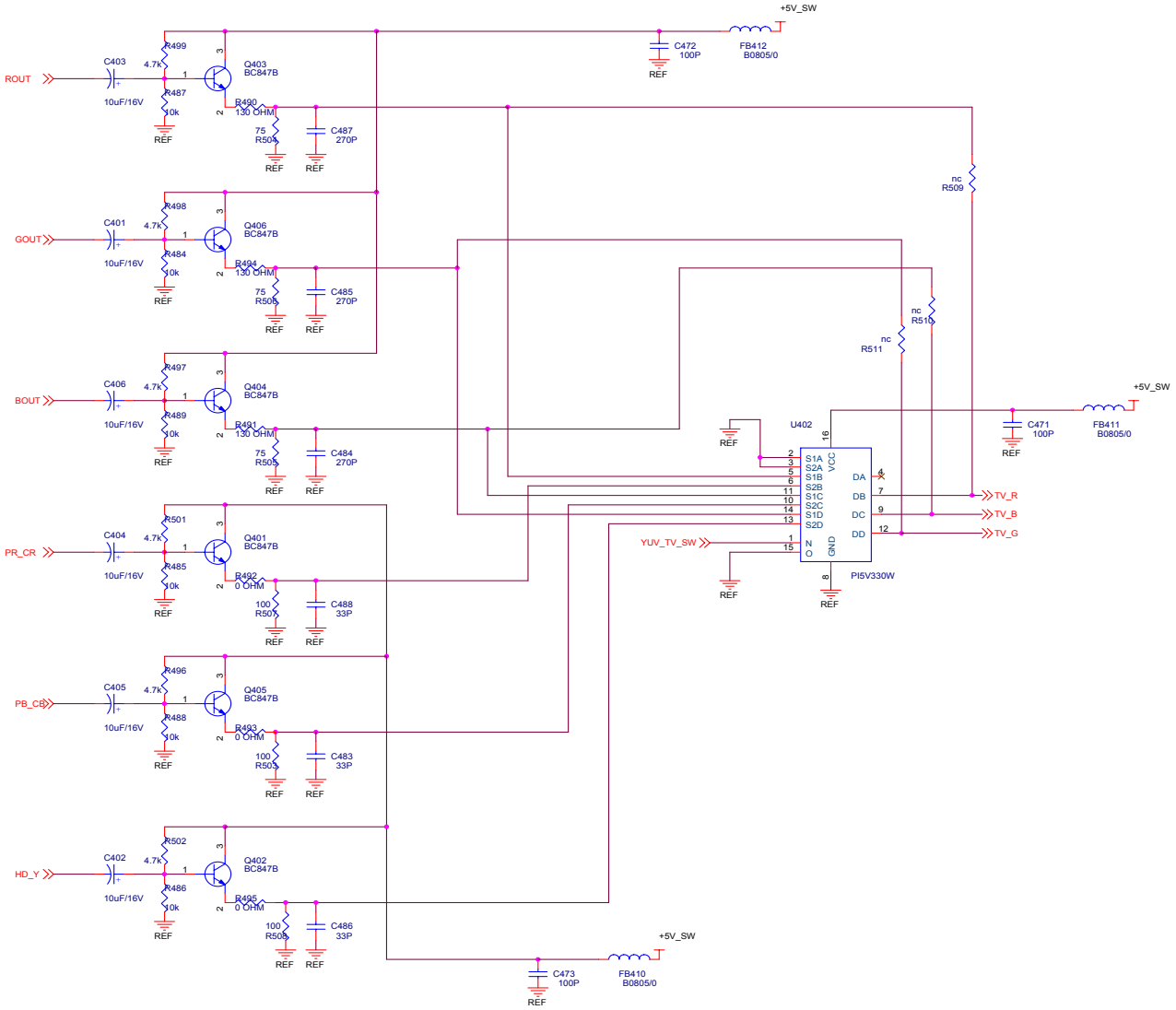
11. Block Diagram



12.Schematic Diagram

12.1 Main Board

715T1802-1



AOC (Top Victory) Electronics Co., Ltd.			
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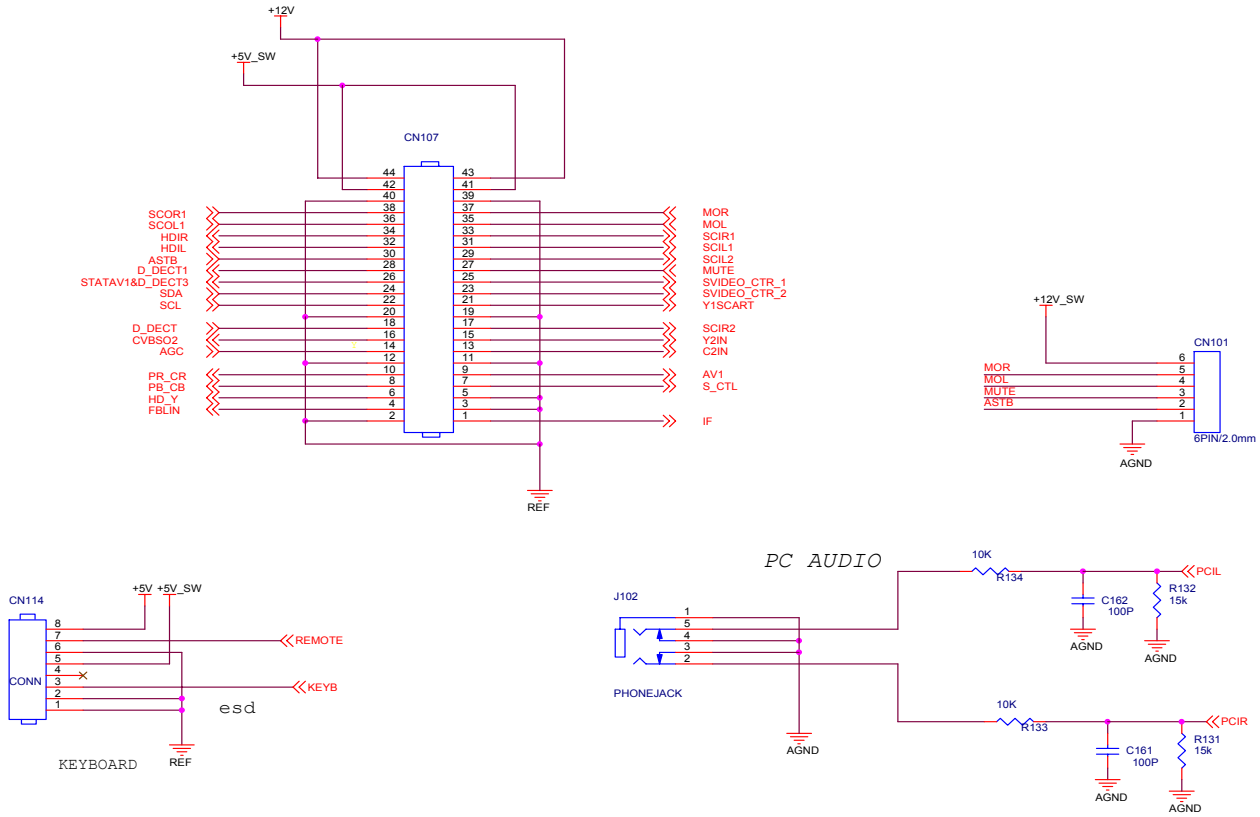
Size A3	Document Number 01		Rev I
Date: Thursday, January 19, 2006	Sheet 1 of 14		



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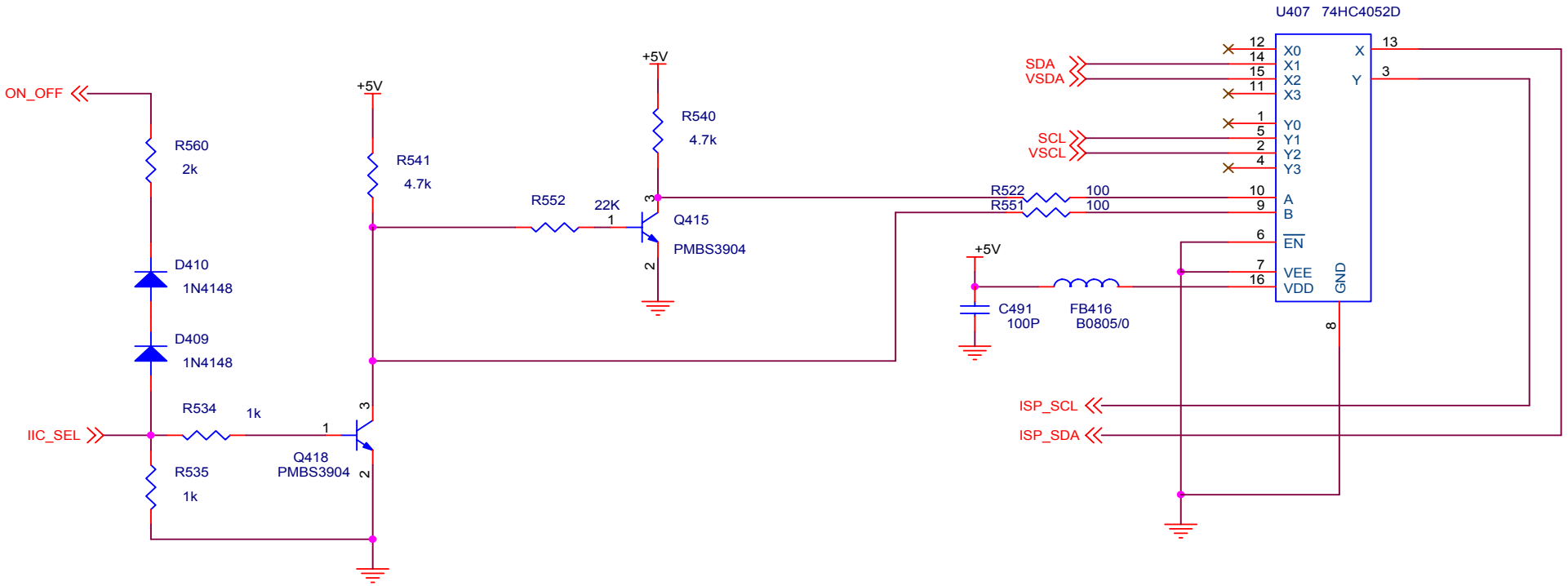
Date: Thursday, January 19, 2006	Sheet 2 of 14	



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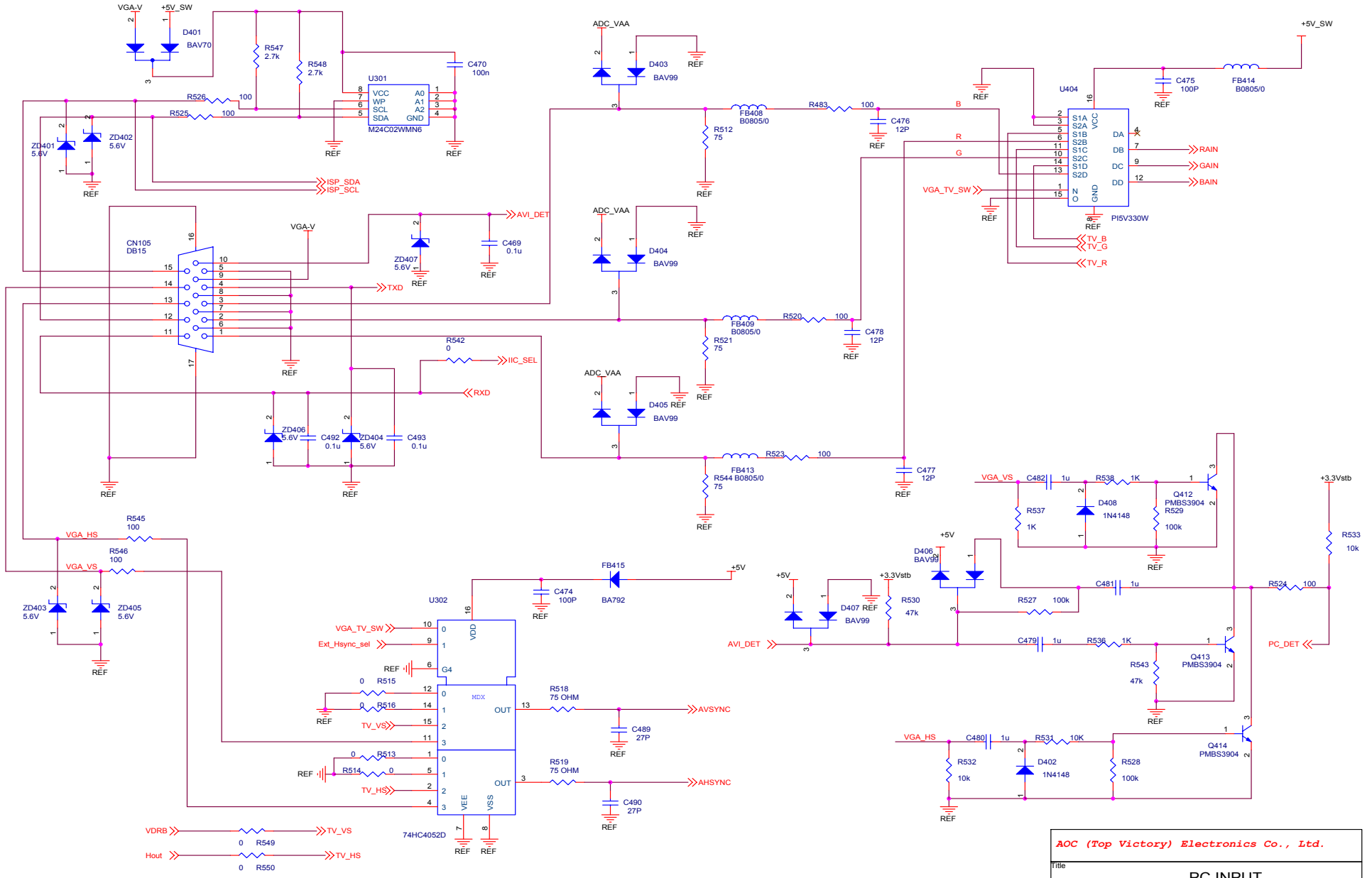
Date: Thursday, January 19, 2006	Sheet 3 of 14	



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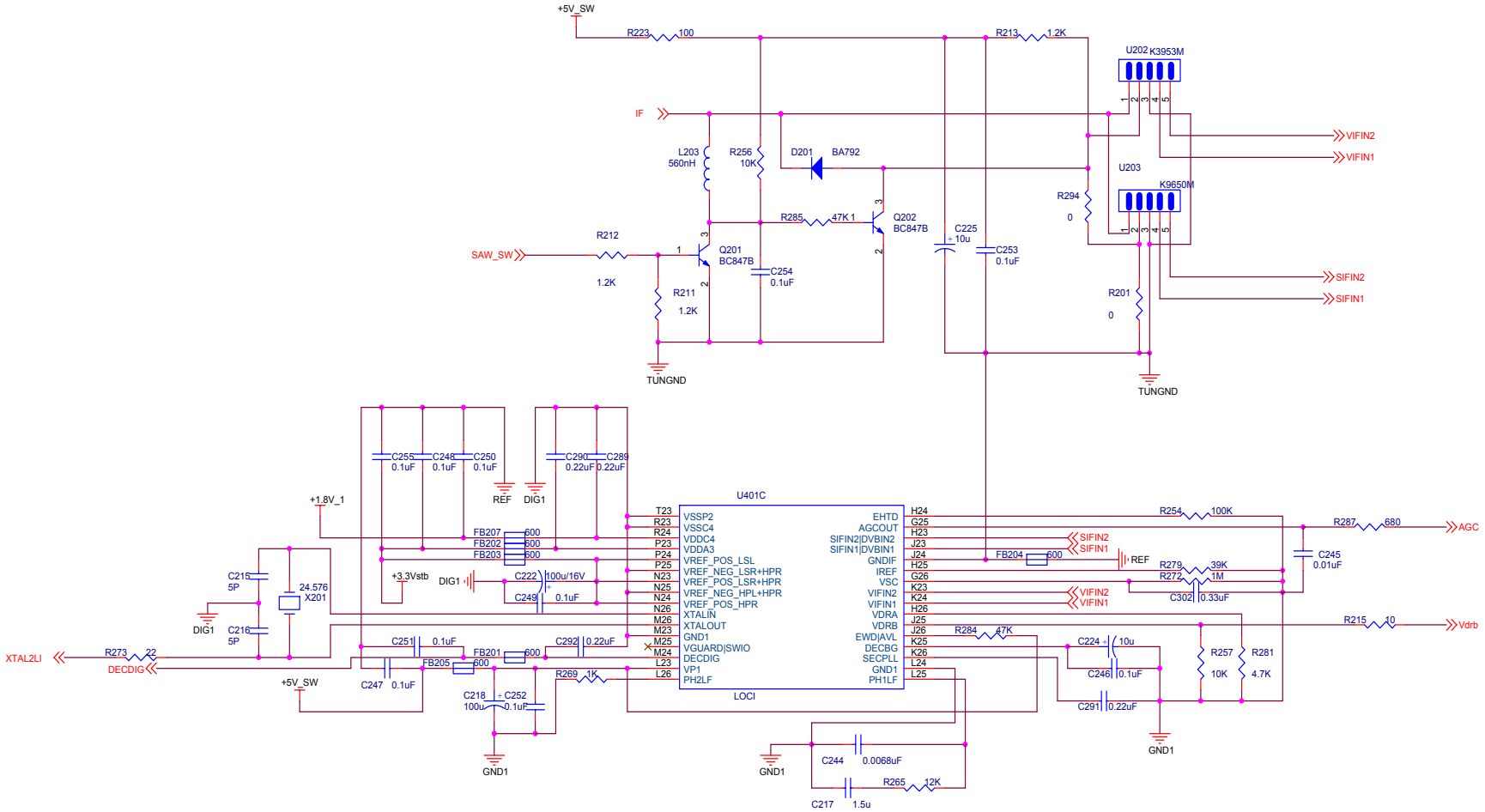
Date: Thursday, January 19, 2006	Sheet 4 of 14	



AOC (Top Victory) Electronics Co., Ltd.		
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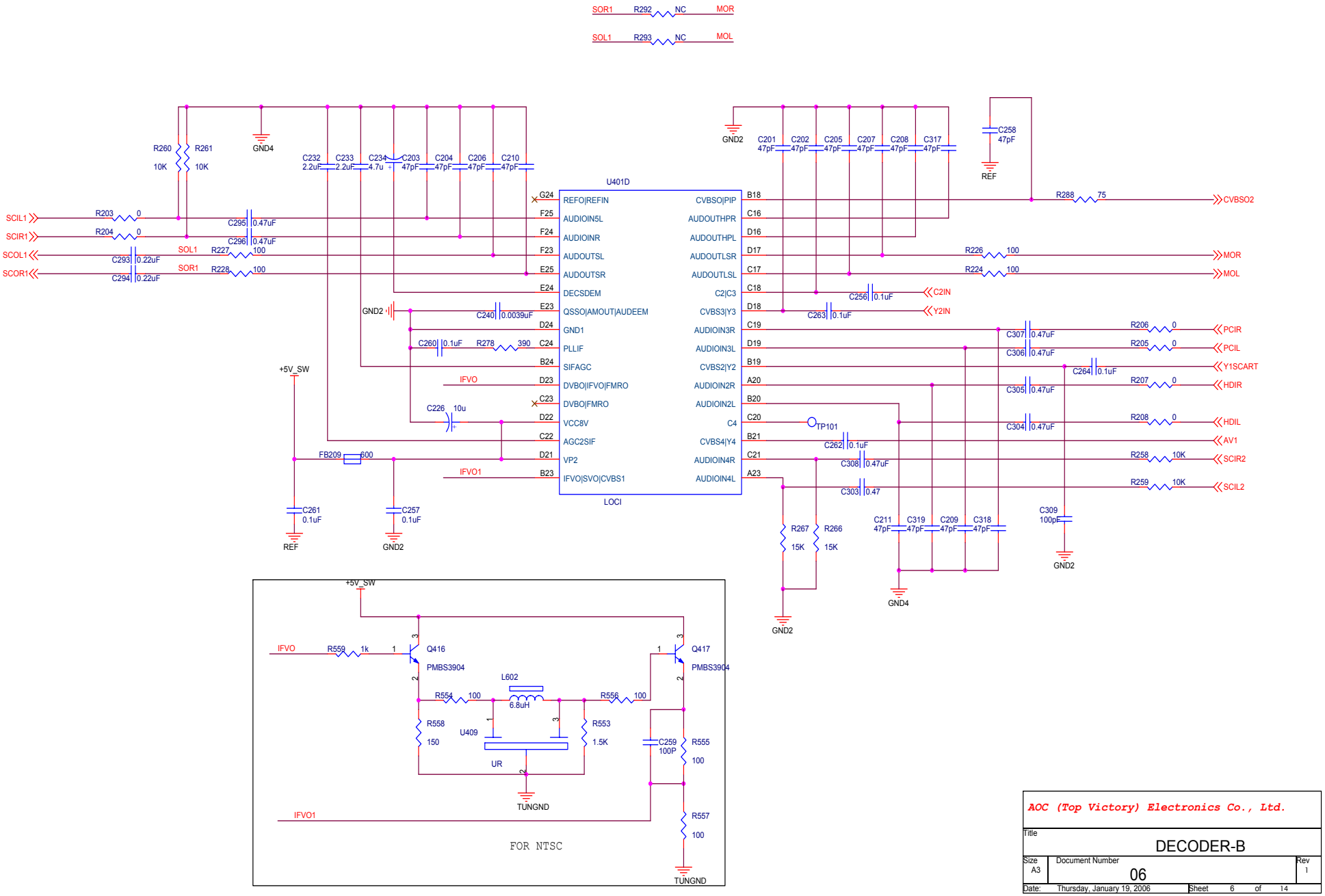
Size A3	Document Number 05	Rev 1
Date: Thursday, January 19, 2006	Sheet 5 of 14	



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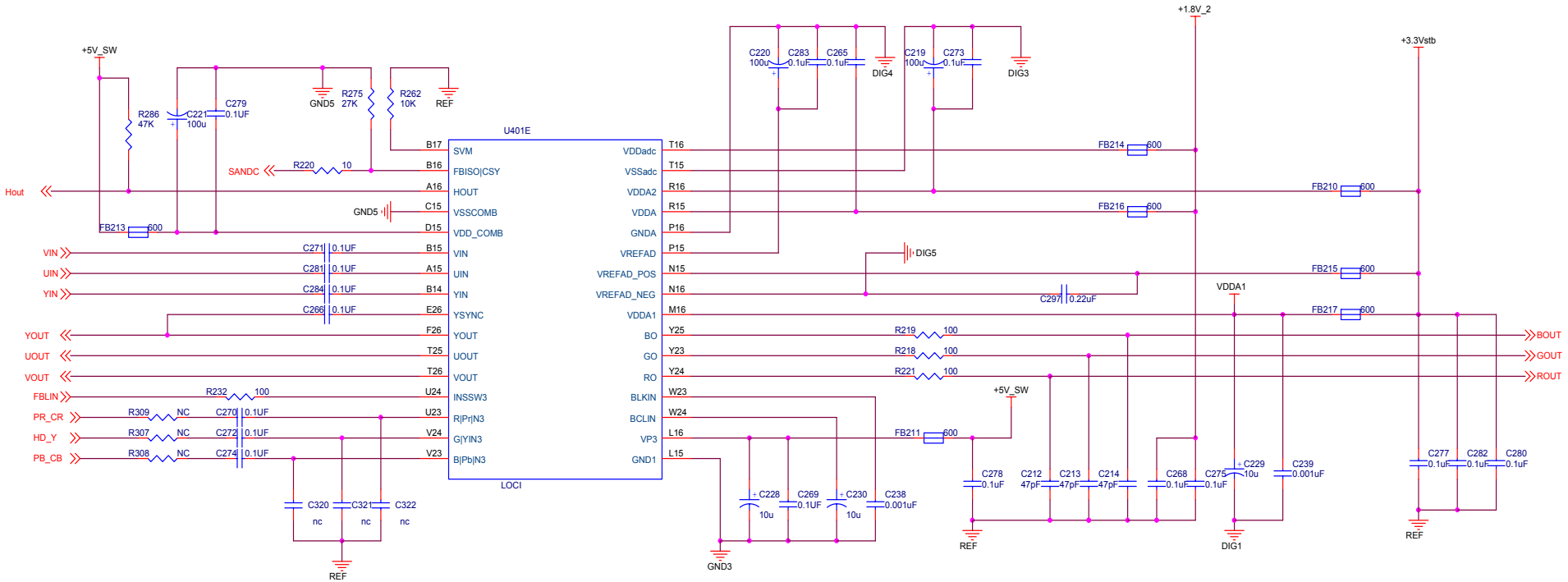
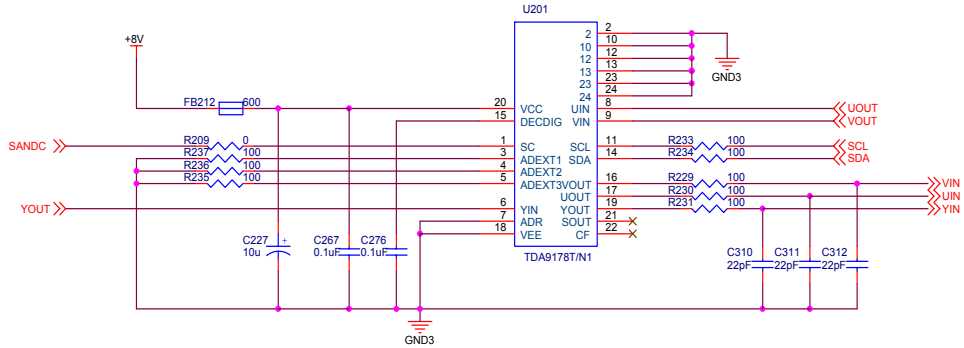
Date: Thursday, January 19, 2006	Sheet 6 of 14	





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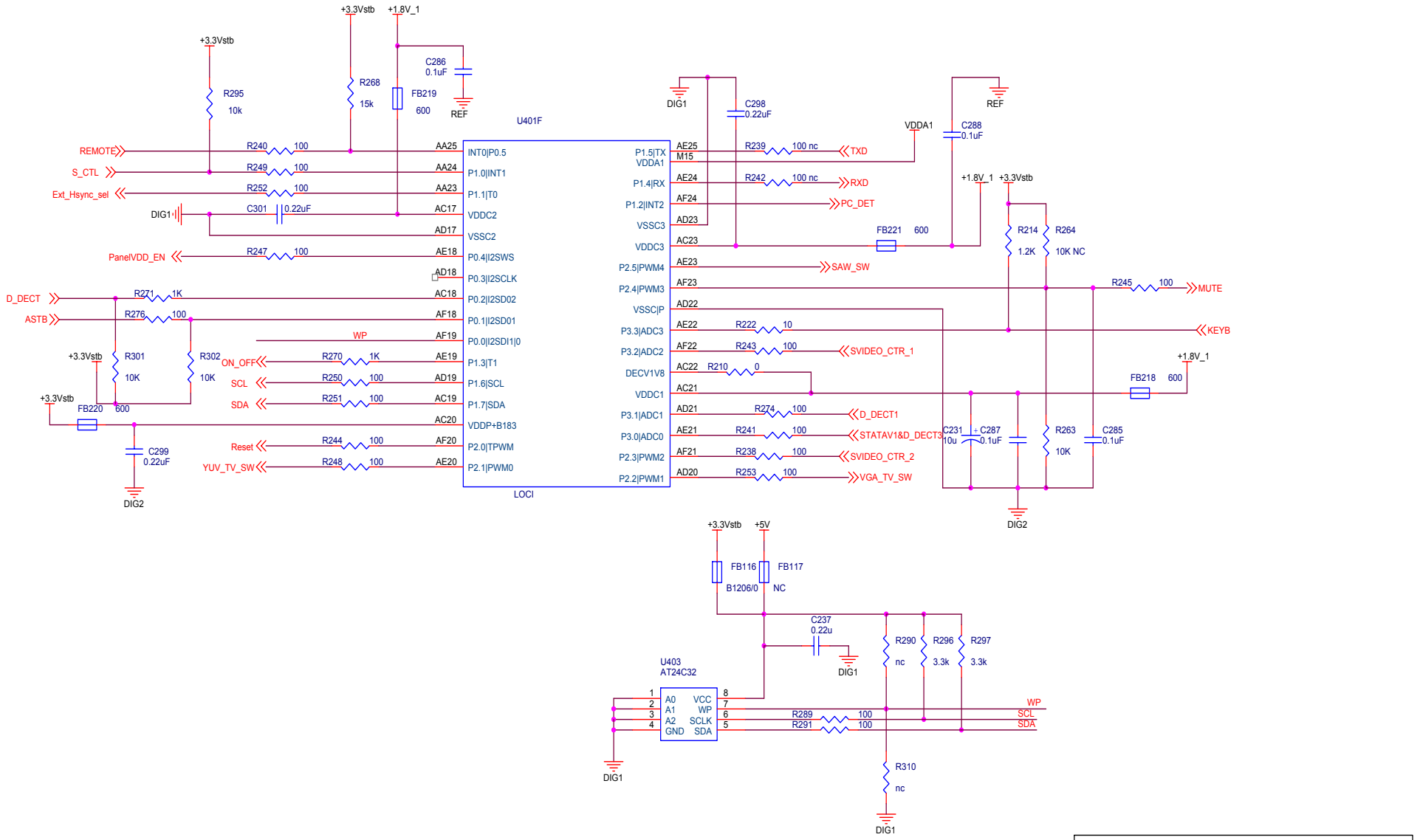
Date: Thursday, January 19, 2006	Sheet 7 of 14	



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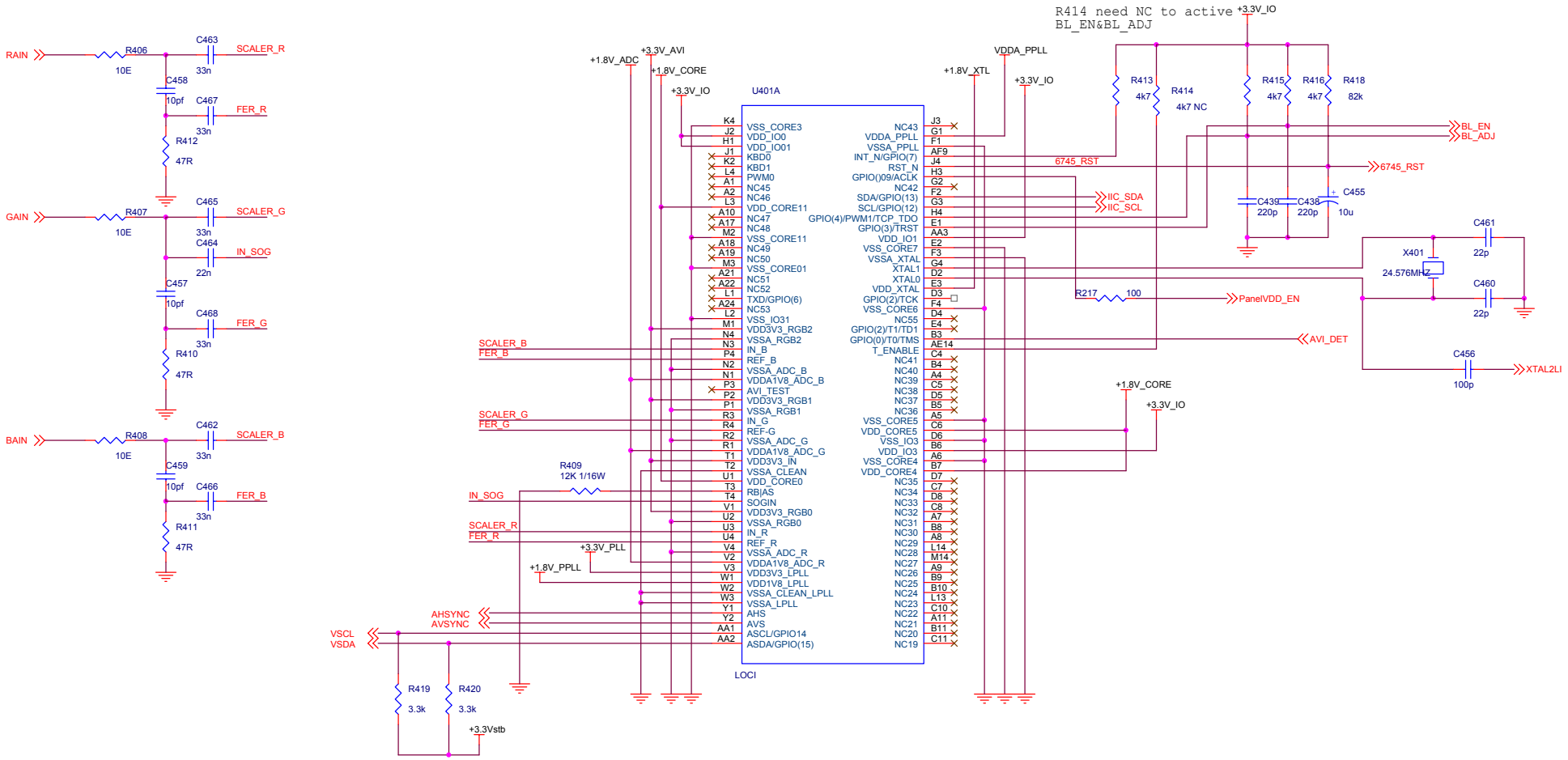

AOC (Top Victory) Electronics Co., Ltd.	
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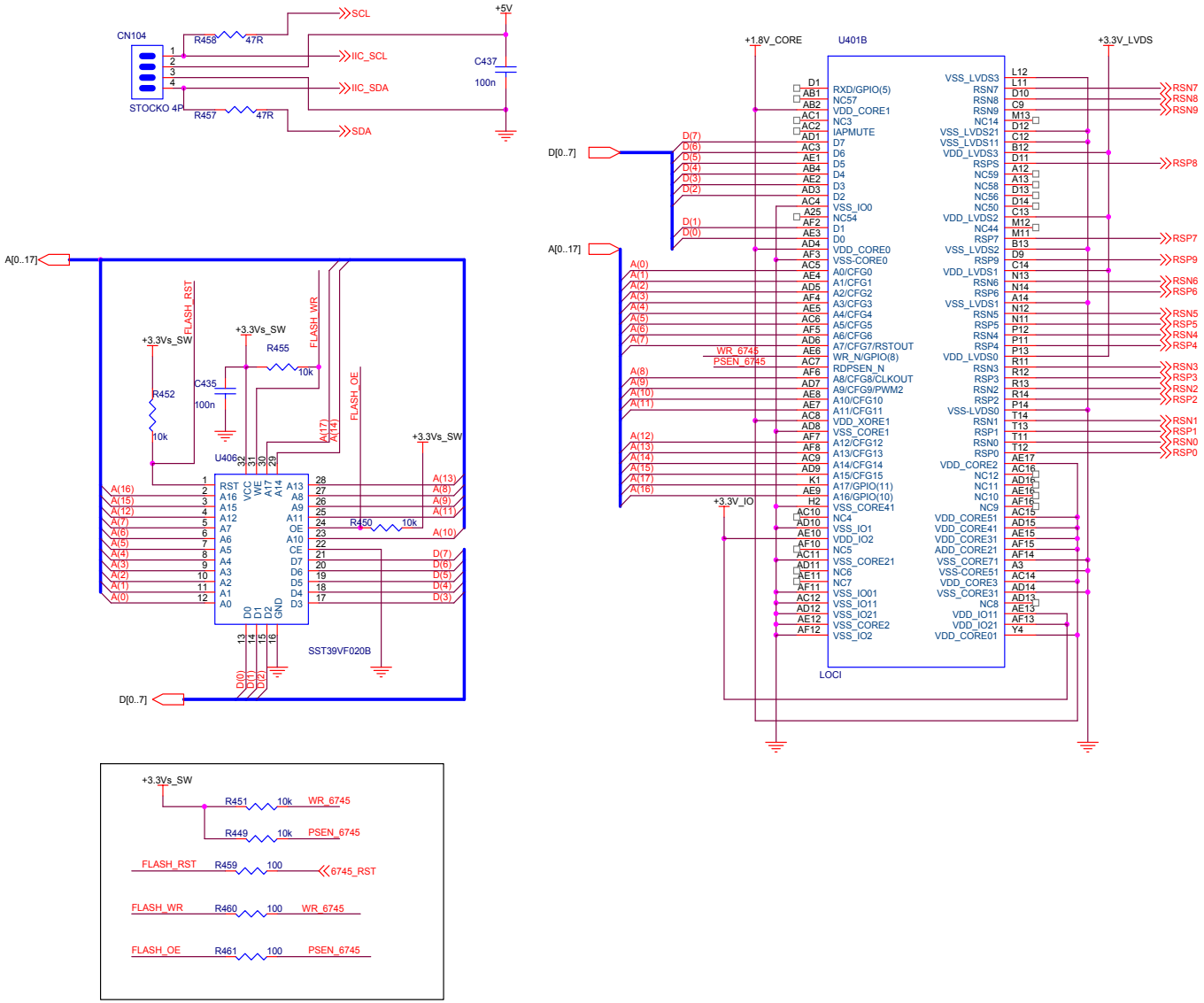
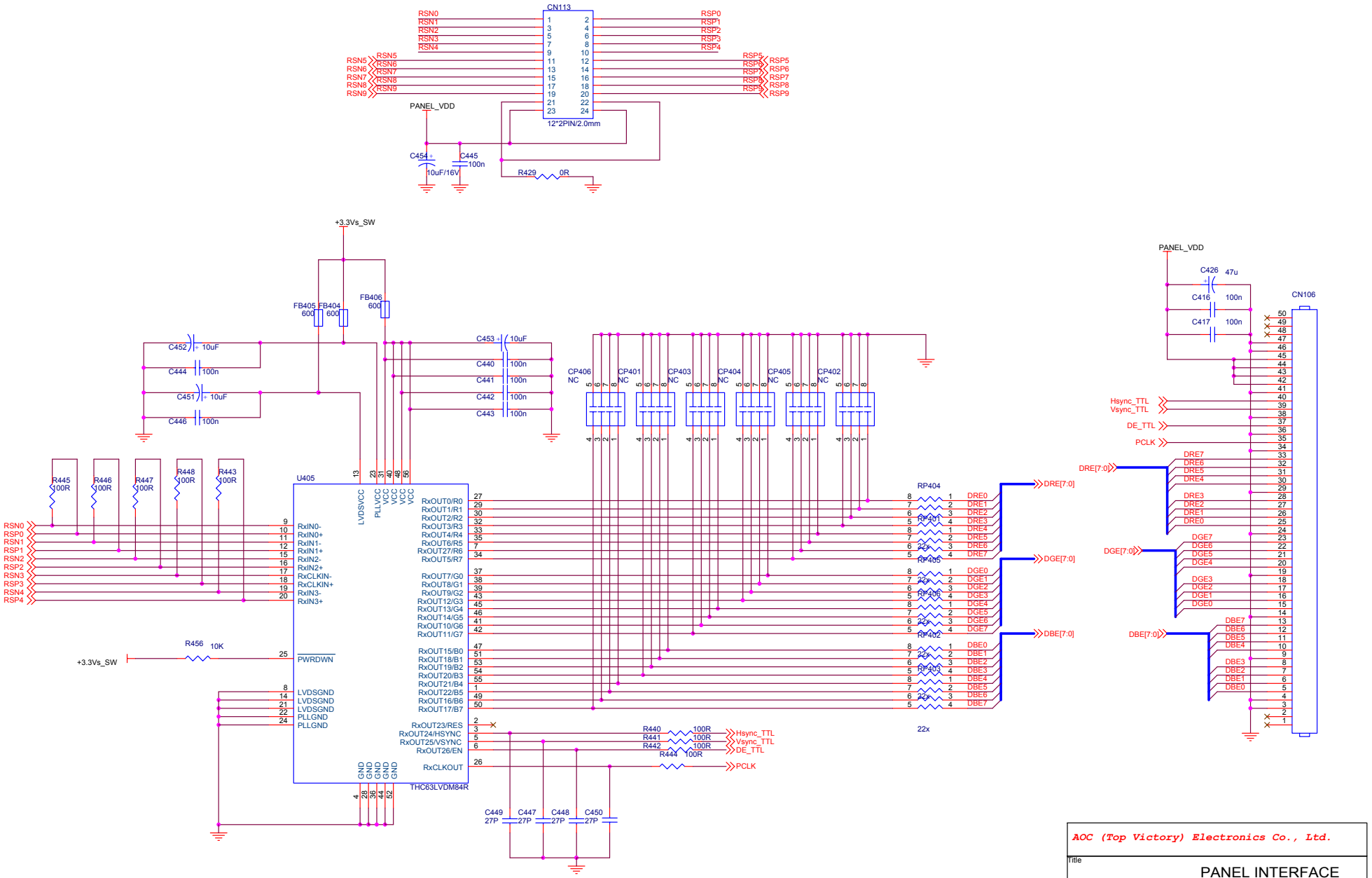
Size A3 / Document Number	09 / Rev 1
Date: Thursday, January 19, 2006	Sheet 9 of 14



AOC (Top Victory) Electronics Co., Ltd.		
Title	SCALAR-B	
Size A3	Document Number 10	Rev 1
Date: Thursday, January 19, 2006	Sheet 10 of 14	



AOC (Top Victory) Electronics Co., Ltd.		
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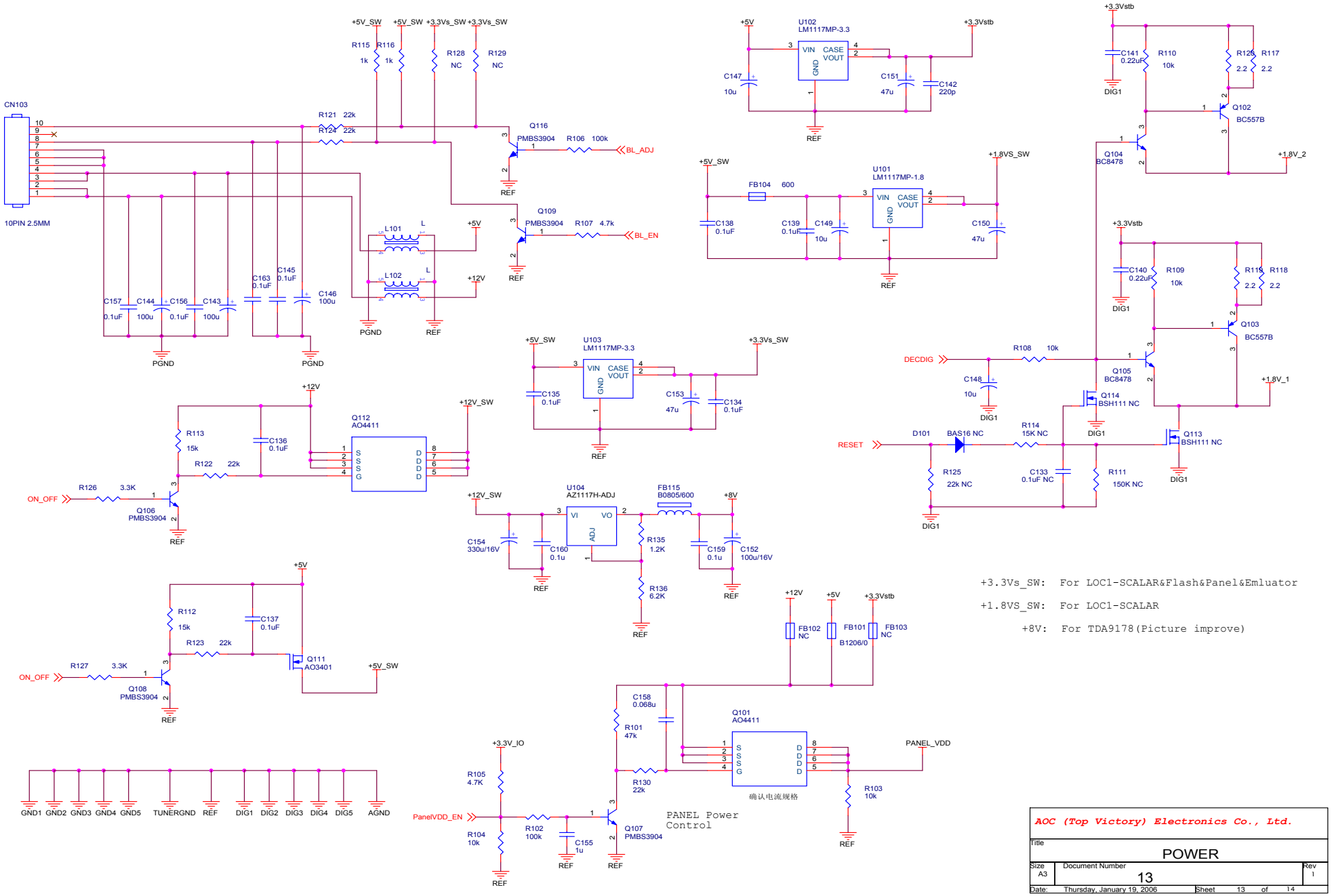
Size A3	Document Number 12	Rev 1
Date: Thursday, January 19, 2006	Sheet 1 of 4	

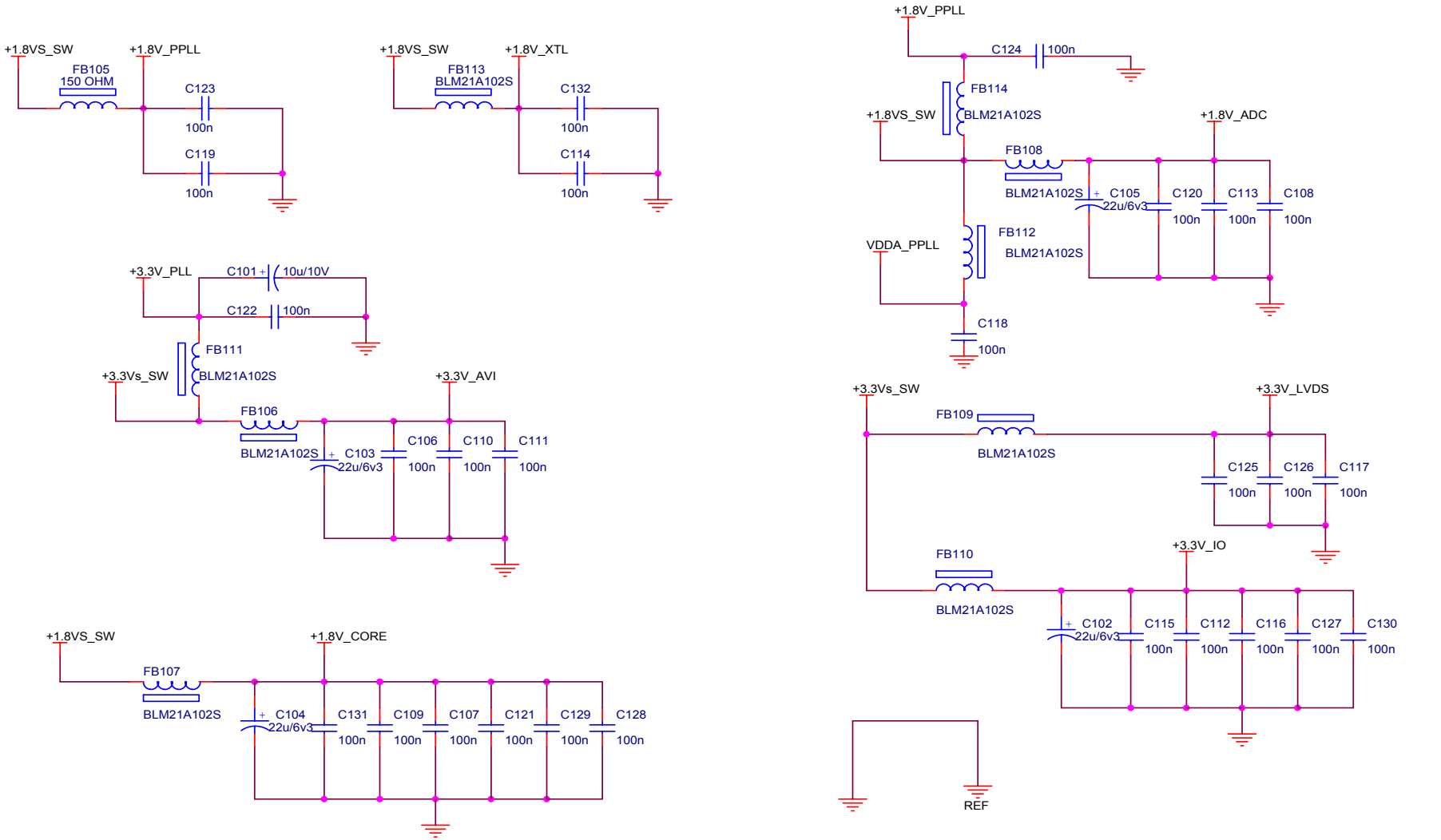


+3.3Vs_SW: For LOC1-SCALAR&Flash&Panel&Emluator

+1.8VS_SW: For LOC1-SCALAR

+8V: For TDA9178(Picture improve)

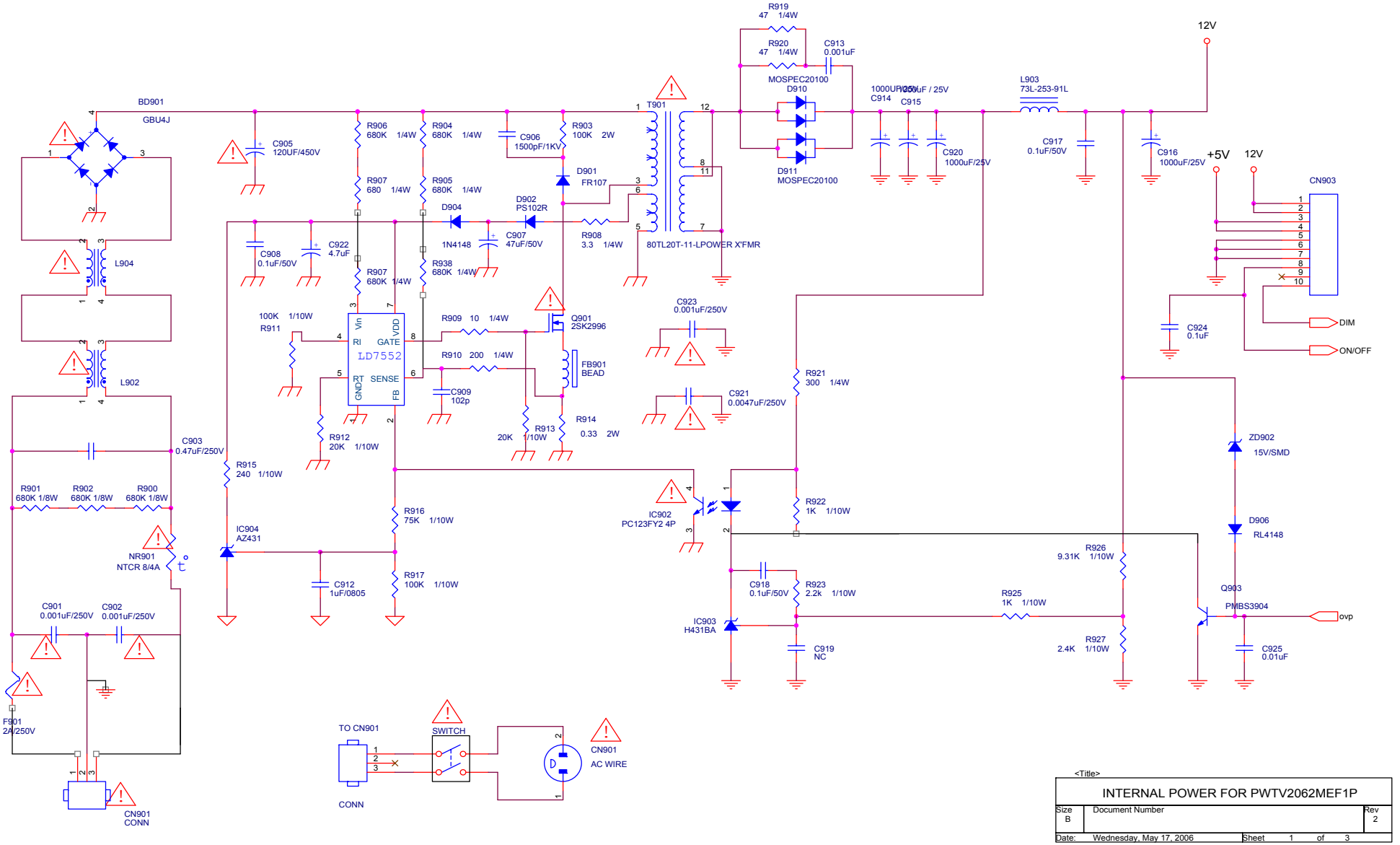
AOC (Top Victory) Electronics Co., Ltd.		
Title: POWER		
Size: A3	Document Number: 13	Rev: 1
Date: Thursday, January 19, 2006	Sheet 13 of 14	

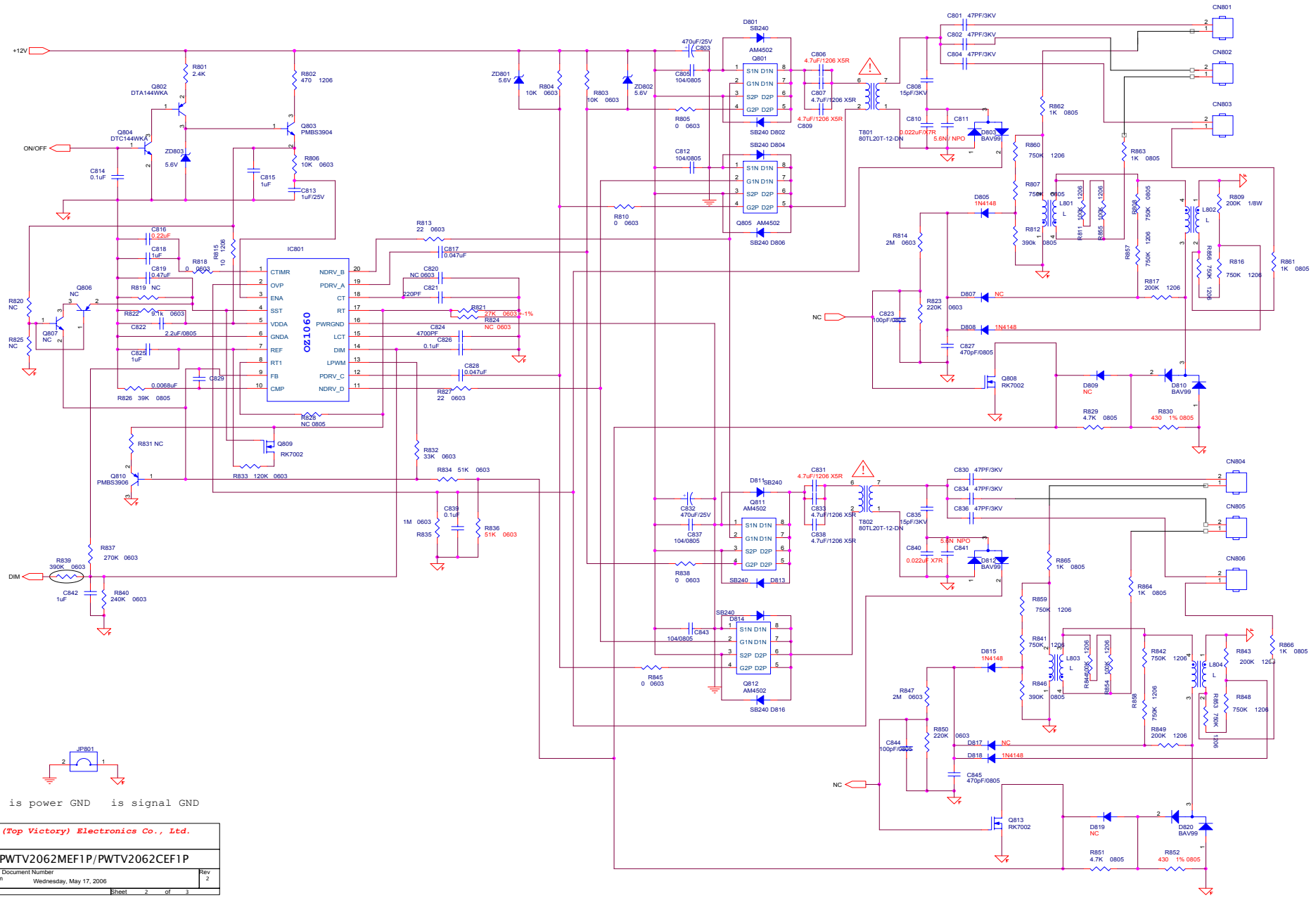


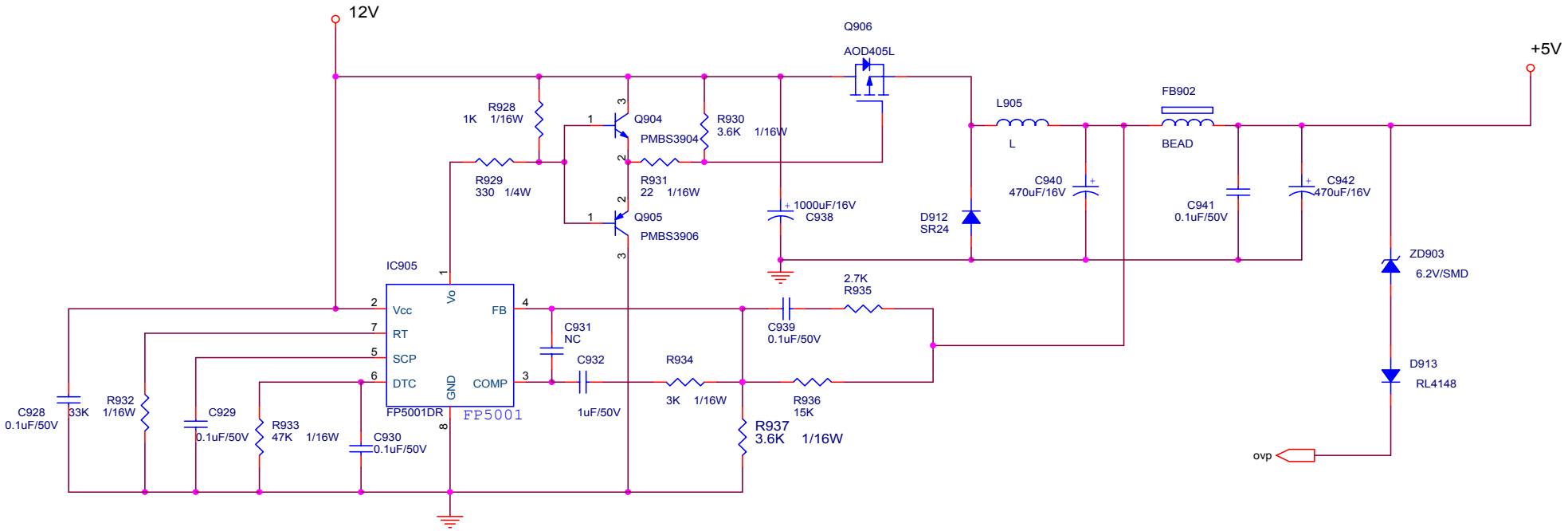
AOC (Top Victory) Electronics Co., Ltd.		
Title	SCALAR POWER	
Size A4	Document Number 14	Rev 1
Date: Thursday, January 19, 2006	Sheet 14 of 14	

12.2 Power Board

715T1811-2



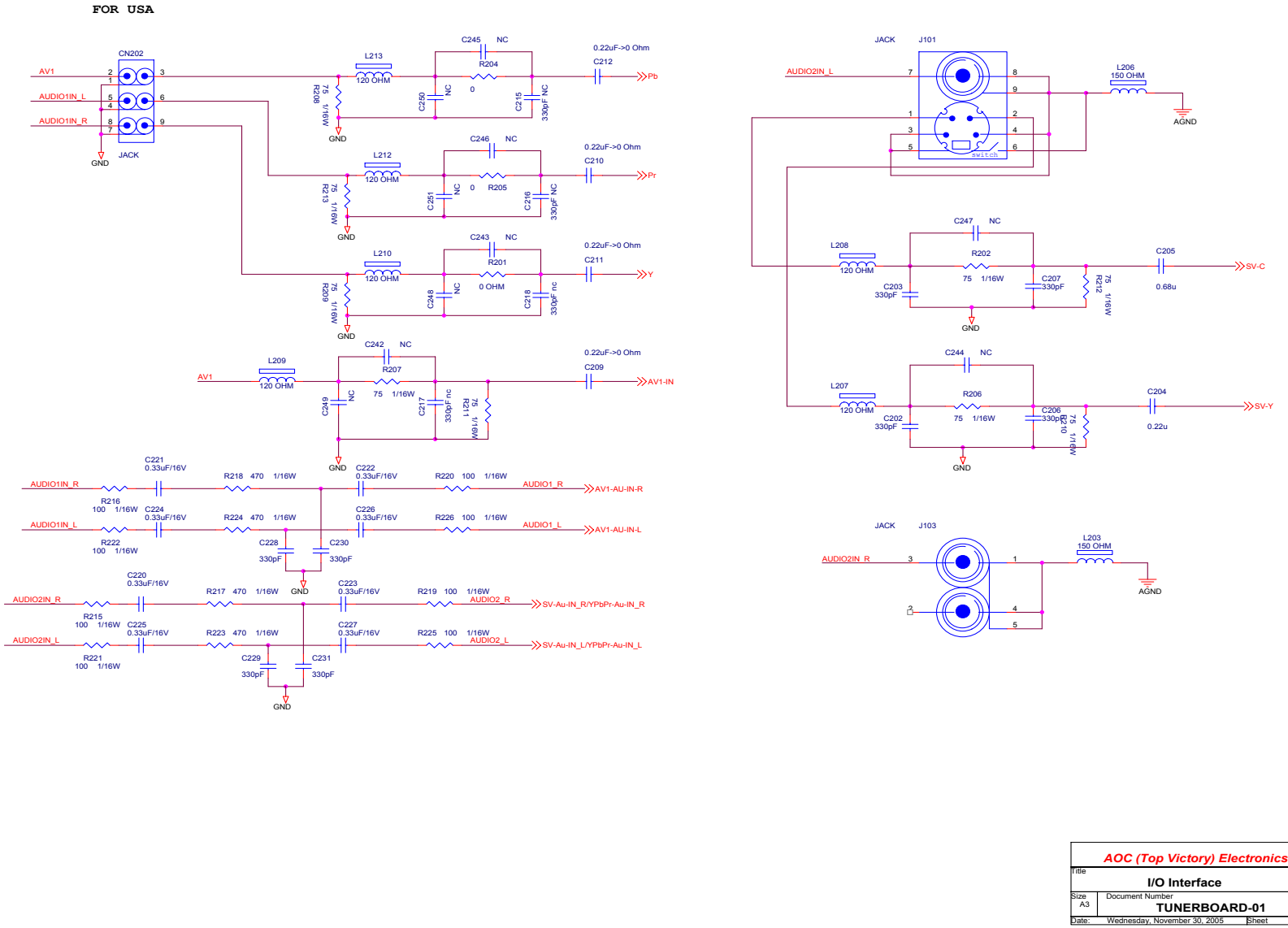

+12V
ON/OFF
DIM
IC801
OZ1060
CTIMR
OVP
ENA
SST
VDDA
GNDA
REF
RT1
FB
CMP
NDRV_B
PDRV_A
CT
RT
PWRGND
LCT
DIM
LPWM
PDRV_C
NDRV_D
Q801
Q805
Q811
Q812
Q813
RK7002
PMBS3904
DTA144WKA
DTC144WKA
AM4502
SB240
BAV99
1N4148
T801
T802
80TL20T-12-DN
CN801
CN802
CN803
CN804
CN805
CN806
JP801
is power GND
is signal GND
AOC (Top Victory) Electronics Co., Ltd.
Title
PWTV2062MEF1P/PWTV2062CEF1P
Size
Custom
Document Number
Rev
2
Wednesday, May 17, 2006
Date:
Sheet 2 of 3



PWPC2066MEF1P

12.3. Tuner Board

715T1747-1



AOC (Top Victory) Electronics Co., Ltd.		
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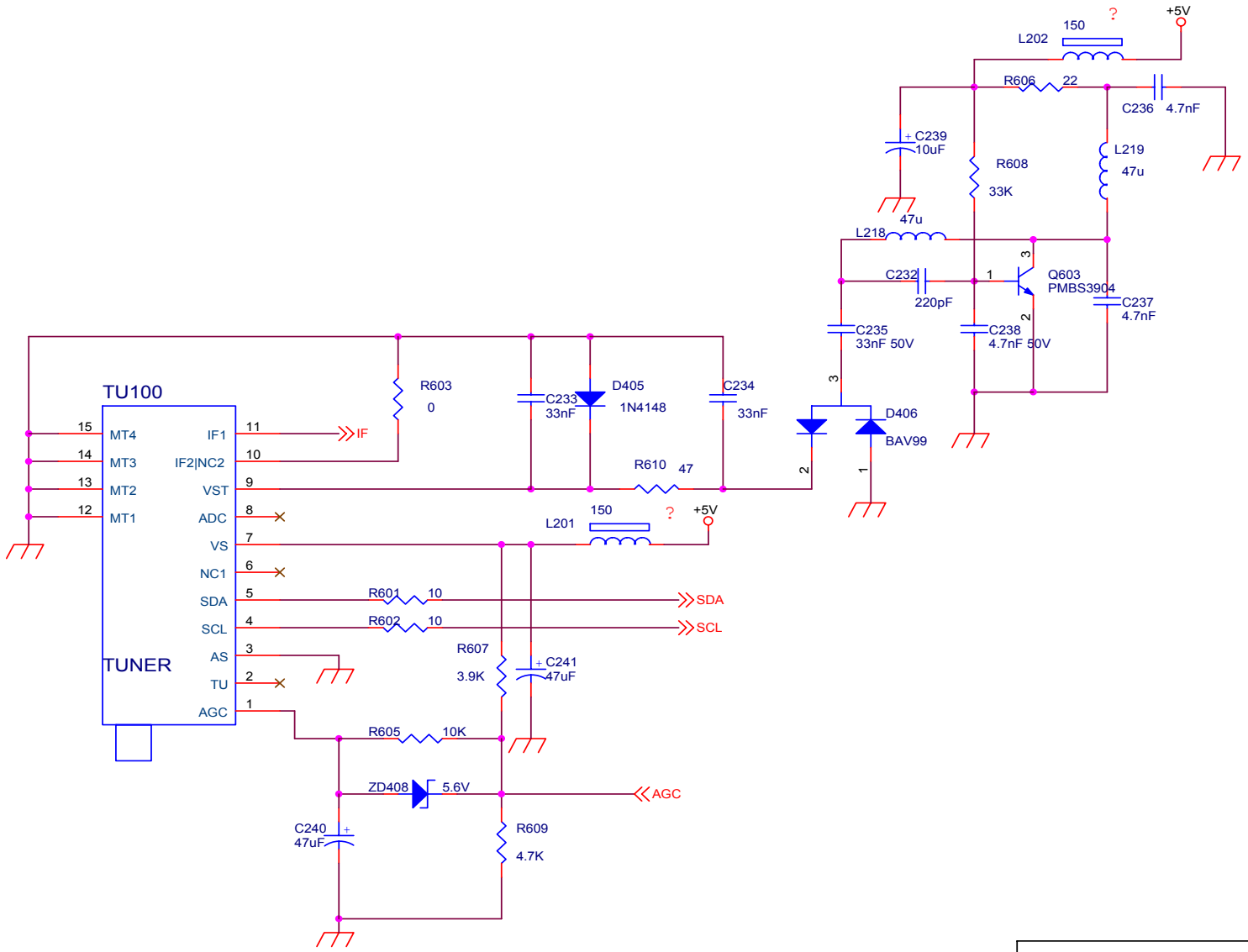
Date: Wednesday, November 30, 2005	Sheet 1 of 3	



AOC (Top Victory) Electronics Co., Ltd.		
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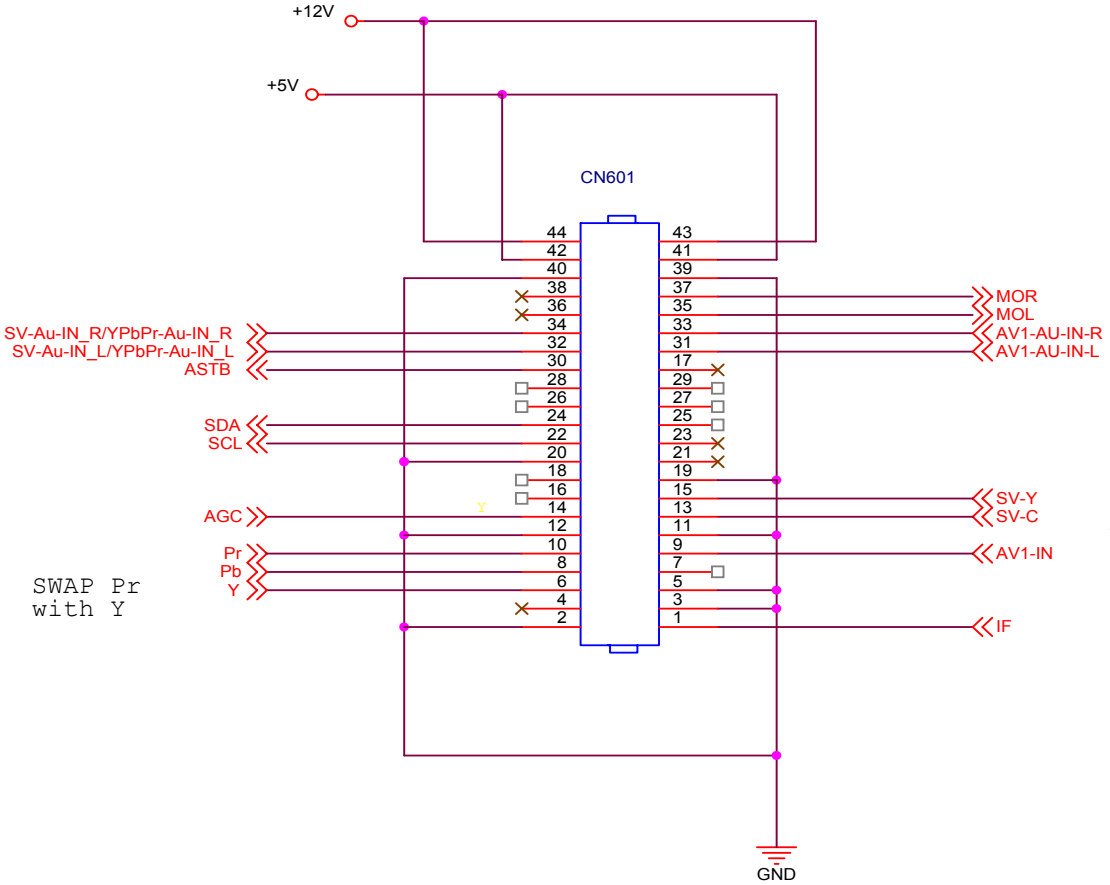
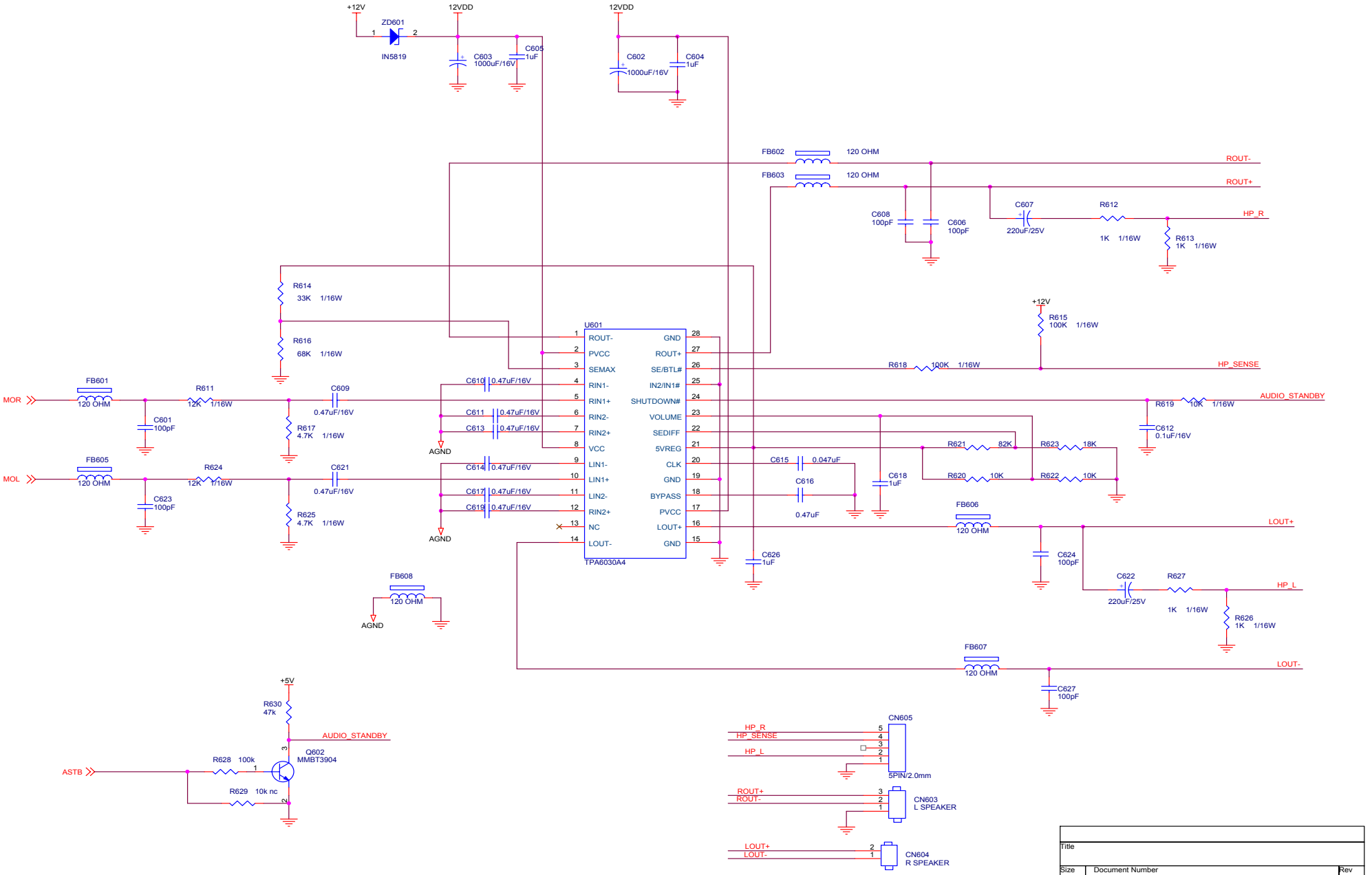
Date: Wednesday, November 30, 2005	Sheet 2 of 3	



SWAP Pr
with Y

SWAP SV-Y
WITH SV-C

AOC (Top Victory) Electronics Co., Ltd.			
Title: CONNECTOR			
Size: A4	Document Number: 03		Rev: <RevCode>
Date: Wednesday, November 30, 2005	Sheet 3 of 3		


+12V
ZD601
IN5819
12VDD
C603 1000uF/16V
C605 1uF
C602 1000uF/16V
C604 1uF
FB602 120 OHM
FB603 120 OHM
ROUT-
ROUT+
C608 100pF
C606 100pF
C607 220uF/25V
R612 1K 1/16W
HP_R
R613 1K 1/16W
R614 33K 1/16W
R616 68K 1/16W
U601
ROUT- GND
PVCC ROUT+
SEMAX SE/BTL#
RIN1- IN2/IN1#
RIN1+ SHUTDOWN#
RIN2- VOLUME
RIN2+ SEDIFF
VCC 5VREG
LIN1- CLK
LIN1+ GND
LIN2- BYPASS
RIN2+ PVCC
NC LOUT+
LOUT- GND
TPA6030A4
+12V
R615 100K 1/16W
R618 100K 1/16W
HP_SENSE
AUDIO_STANDBY
R619 10K 1/16W
C612 0.1uF/16V
FB601 120 OHM
MOR
R611 12K 1/16W
C601 100pF
C609 0.47uF/16V
R617 4.7K 1/16W
C610 0.47uF/16V
C611 0.47uF/16V
C613 0.47uF/16V
AGND
FB605 120 OHM
MOL
R624 12K 1/16W
C623 100pF
C621 0.47uF/16V
R625 4.7K 1/16W
C614 0.47uF/16V
C617 0.47uF/16V
C619 0.47uF/16V
AGND
C615 0.047uF
C616 0.47uF
C618 1uF
R621 82K
R623 18K
R620 10K
R622 10K
C626 1uF
FB606 120 OHM
LOUT+
C624 100pF
C622 220uF/25V
R627 1K 1/16W
HP_L
R626 1K 1/16W
FB608 120 OHM
AGND
FB607 120 OHM
LOUT-
C627 100pF
+5V
R630 47k
AUDIO_STANDBY
Q602 MMBT3904
ASTB
R628 100k
R629 10k nc
CN605
HP_R
HP_SENSE
HP_L
5PIN/2.0mm
ROUT+
ROUT-
CN603 L SPEAKER
LOUT+
LOUT-
CN604 R SPEAKER
Title
Size A3
Document Number
Rev
Date: Wednesday, November 30, 2005
Sheet 1 of 1